# Staff Selection Commission (SSC) 

CPO Exam 2023 Tier-I

# All Shifts Question Papers 

English Medium

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Old Alwal |
| Exam Date | 03/10/2023 |
| Exam Time | 9:00 AM - 11:00 AM |
| Subject | SICPO Paper I 2023 |

Section : General Intelligence and Reasoning
Q. 1 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$.

$\checkmark 4$.

Q. 2 Which letter cluster will replace the question mark (?) to complete the given series?

ELSV, FJVR, GHYN, ?, IDEF
Ans
X 1. HFJB
人 2. HBJF
3. HFBJ
4. GHFJ

Question ID : 264330145423
Option 1 ID : 264330569948
Option 2 ID : 264330569949
Option 3 ID : 264330569947
Option 4 ID : 264330569950
Status: Answered
Chosen Option : 3
Q. 3 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans
X 1. WVTD
X 2. JIGQ
X 3. SRPH
4. KLNP

Question ID : 26433068792
Option 1 ID : 264330269681
Option 2 ID : 264330269683
Option 3 ID : $\mathbf{2 6 4 3 3 0 2 6 9 6 8 0}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 6 9 6 8 2}$
Status: Answered
Chosen Option : 4
Q. 4 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north (not necessarily in the same order). Only 1 person sits to the left of $D$. $A$ is an immediate neighbour of $D$. Only 2 people sit between $F$ and $D$. Only 3 people sit between $C$ and $G$. $B$ is not an immediate neighbour of G. Only 2 people sit between $E$ and $A$. Who sits at the extreme right end of the row?
Ans
X1.A
X2. G

- 3. C
- 4. B
Q. 5 In a certain code language, 'GAME' is coded as ' 8426 ' and 'MUST' is coded as ' 7853 '.

What is the code for ' M ' in the given code language?
Ans
1.8

- 2.2
3.3
-4.7

Question ID : 264330169655
Option 1 ID : 264330665319
Option 2 ID : 264330665320
Option 3 ID : 264330665322
Option 4 ID : 264330665321
Status: Answered
Chosen Option : 1
Q. 6 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All flowers are trees.
All leaves are flowers.
Conclusion:
I)All trees are flowers.
II)All leaves are trees.

Ans
X 1. Only Conclusion I follows
X 2. Neither Conclusion I nor II follows.
3. Only Conclusion II follows.

X 4. Both Conclusions I and II follow.
Q. 7 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 1 '.


Ans

- 1.3
$\times 2.2$
$\times 3.6$
$\times 4$
Q. 8 Select the correct mirror image of the given figure, when the mirror is placed at line MN as shown.


Ans




Q. 9 If ' + ' means ' - ', ‘-' means ' $x$ ', ' $x$ ' means ' $\div$ ', ‘ $\div$ ' means ' + ', then what will come in place of the question mark (?) in the following equation?
$137 \div 56 \times 7-6+31=$ ?
Ans
X1. 149
$\times 2.163$
X 3.145
4. 154

Question ID : 264330126058
Option 1 ID : 264330493905
Option 2 ID : 264330493906
Option 3 ID : 264330493904
Option 4 ID : 264330493907
Status: Answered
Q. 10 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Lollipop
2.Loincloth
3.Longways
4.Logician
5.Lonely

Ans
X 1.3,2, 1, 5, 4
$\times 2.4,3,1,5,2$
2. $4,2,1,5,3$

X4.3,4, 1, 5, 2

Question ID : 26433067241
Option 1 ID : 264330263479
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 6 3 4 7 7}$
Option 3 ID : 264330263478
Option 4 ID : 264330263476
Status: Answered
Chosen Option: 3
Q. 11 Which of the following terms will replace the question mark (?) in the given series?

ABEG FFHI KJKK PNNM ?
Ans 1.URQO
X 2. VRQO
X 3.RUQO
X 4. UROQ
Q. 12 Select the Venn diagram that best illustrates the relationship between the following classes.
Electrical Appliance, Refrigerator, Freezer
Ans
$\times 1$

2.

3.

$\times 4$.

Q. 13 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)

$$
(7,35,42),(4,20,24)
$$

Ans
X 1. $(8,56,72)$
X 2. $(6,36,48)$
3. $(9,45,54)$

X4. $(12,60,48)$
Q. 14 A person starts from point $Z$ and moves 7 km towards the South. He turns right and moves 5 km , turns right, and moves 3 km , then turns right and moves 1 km . He takes a left turn and moves 4 km to reach a point $X$. How much and in which direction does he need to move now to reach point $Z$ ?

Ans
X 1.4 km South
2. 4 km East

X 3. 4 km West
4. 6 km East
Q. 15 Select the figure that will replace the question mark (?) in the following figure series.


Ans

Q. 16 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6 . Select the number that will be on the face opposite to the one showing ' 1 '.


Ans

1. 6
2. 4
3. 5
4. 3
Q. 17 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All plants are vegetables.
Some plants are poisonous.
Conclusions:
I. All vegetables are poisonous.
II. Some vegetables are plants.

Ans

1. Neither conclusion I nor II follows
2. Only conclusion I follows
3. Both conclusions I and II follow
4. Only conclusion II follows
Q. 18 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
5. Desire
6. Destination
7. Descend
8. Destructive
9. Desolate
10. Desperate

Ans
X1.3,1,2,6,5, 4
2. 3, 1, 6, 5, 2, 4

- 3. $3,1,5,6,2,4$

X 4.3,1,5,6,4,2
Q. 19 Select the figure that will come next in the following figure series.
?

Ans

$\times 4$.

Q. 20 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 4 ',


Ans
$\times 1.6$
2. 2
< 3.3
4. 1
Q. 21 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(264, 462), (132, 330)
Ans
$\times 1 .(211,340)$
X 2. $(188,378)$
3. $(386,584)$

X4. $(282,496)$
Q. 22 If $A$ denotes ' + ', $B$ denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation?
2 B ? D $2=4$ B 32 D 8
Ans
$\times 1.12$

- 2.30

3. 16
4.8
Q. 23 If '+' means ' $\times$ ', ' $\times$ ' means ' - ', ' - ' means ' $\div$ ' and ' $\div$ ' means ' + ', then what will come in place of the (?) in the following equation?
$250-10+10 \times 5 \div 2=$ ?
Ans
4. 247
$\times 2.167$
X 3.320
5. 234

Question ID: 264330114250
Option 1 ID : 264330449087
Option 2 ID : 264330449086
Option 3 ID : 264330449088
Option 4 ID : 264330449085
Status: Answered
Q. 24 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans
X 1.WYRS
2. PSJK

X 3. PRKL
4. FHAB
Q. 25 In a certain code language, 'VATT' is coded as ' 65 ' and 'STOLK' is coded as ' 79 '. How will 'GENEROUS' be coded in that language?
Ans
X 1.116
(2. 216
3. 204
4. 106
Q. 26 Select the option that is embedded in the given figure as its part (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$

$\times 4$.

Q. 27 If ' + ' means ' $\div$ ', ' - ' means ' + ', ' $x$ ' means ' - ' and ' $\div$ ' means ' $x$ ', what will be the value of the following expression?
$[\{(14 \times 6)-(4 \div 3)\}+(6-4)] \div 3$
Ans
$\times 1.3$
2. 6
$\times 3.1$
$\times 4.9$
Q. 28 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

TEMPLE : SCJLGY :: CHURCH : BFRNXB :: MOSQUE :?
Ans
X 1. LMPYPM
2. LMPYMP
3. LPYMPM
4. LMPMPY

Question ID : 264330145394
Option 1 ID : 264330569831
Option 2 ID : 264330569834
Option 3 ID : 264330569833
Option 4 ID : 264330569832
Status : Answered
Chosen Option: $\mathbf{4}$
Q. 29 In a certain code language, 'COURT' is coded as OCRTR and 'JUDGE' is coded as UJAEG. How will 'ORDER' be coded in the same language?

Ans
X1. LDRRE
2. ROARE
3. REARO
4. ROBRE
Q. 30 Which of the following numbers will replace the question mark (?) in the given series? 115, 130, 122, 137, 129,?

Ans

1. 144
2. 142
3. 148
4. 150
Q. 31 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans
$\times 1$.

$\times 2$.

$\times 3$.

$\checkmark 4$.

Q. 32 In a certain code language, 'FLORA' is written as 'WQOLC' and 'MONEY' is written as 'PNPYE'. How will 'GOING' be written in that language?
Ans

1. VNUPW
2. RMWEH
3. VBUDP
4. RHKSR
Q. 33 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(6, 2, 96)
$(5,6,240)$
Ans
X $1 .(4,1,6)$
5. $(12,3,45)$
6. $(1,2,16)$
7. $(8,3,28)$
Q. 34 Study the given pattern carefully and select the number that can replace the question mark (?) in it.
First row: 19, 6, 37
Second row: 21, 8, 45
Third row: 72, 14, ?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
Ans
$\times 1.124$
8. 134
9. 114
$\times 4.144$
Q. 35 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\because$ ', then what will be the value of the following expression? 39 D 13 B 2 C 6 A 8
Ans
X 1.10
10. 8
<3.12
11. 9
Q. 36 Select the set in which the numbers are related in the same way as are the numbers of the following sets
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13-Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(7, 91, 98)
$(4,52,56)$
Ans
12. $(12,156,168)$
13. $(3,36,42)$
14. $(8,80,96)$
15. $(5,25,60)$

Question ID : 26433057449
Option 1 ID : 264330224782
Option 2 ID : 264330224781
Option 3 ID : 264330224783
Option 4 ID : 264330224780
Status: Answered
Q. 37 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation?
96 D 3 B 8 C 25 A $14=$ ?
Ans
X 1.217
2. 234

X 3.254
4. 245
Q. 38 If $A$ denotes ' + ', $B$ denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation?
7 A 3 B 24 D 2 = 20 B ? A 3
Ans

1. 2
2. 20
3. 14
4.7
Q. 39 Which of the following numbers will replace the question mark (?) in the given series?

35, ?, 40, 47, 45, 53
Ans
$\times 1.37$
$\times 2.43$
$\times 3.42$
4. 41
Q. 40 If the given sheet is folded to form a cube, which of the given figures is/are possible? (The elements are shown to indicate the sides only.)


Ans
X 1 . Only 1 and 2
2. Only 1,2 and 4
3. Only 2 and 3
4. Only 3
Q. 41 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| BLAST | LBPTS | SLBPT | LSCTP | $?$ |

Ans


Question ID : 264330145482
Option 1 ID : 264330570185
Option 2 ID : 264330570183
Option 3 ID : 264330570186
Option 4 ID : 264330570184
Q. 42 Which of the following numbers will replace the question mark (?) in the given series? $-1 / 729,-1 / 81,-1 / 9$,?

Ans
$\times 1.1$
2. -1
$\times 3 .-1 / 3$
$\times 4.1 / 3$
Q. 43 Which letter-cluster will replace the question mark (?) to complete the given series? MKPN, LMOP, ?, JQMT, ISLV

Ans

1. KOLT
2. KNNQ
3. KNMR
4. KONR

Question ID : 26433076662
Option 1 ID : 264330300715
Option 2 ID : 264330300714
Option 3 ID : 264330300712
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 0 0 7 1 3}$
Status: Answered
Q. 44 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Butterfly : Caterpillar :: Insect : ?
Ans
X 1. Cygnet
2. Nymph
3. Larva
4. Microbes
Q. 45 Six friends are sitting in a circle. All of them are facing the centre. Kanak sits third to the right of Sona. Kapil is an immediate neighbour of Mani. Goldy sits second to the right of Mani. Sona is an immediate neighbour of Kapil and Suresh. Who sits to the immediate right of Goldy?
Ans
X 1 . Sona
2. Kapil
3. Kanak
4. Suresh
Q. $46 L$ is the wife of $Q . P$ is the mother of $M$. $J$ is the father of $L . M$ is the sister of $H$. $J$ is the husband of H . How is P related to L ?

Ans

1. Mother's mother
2. Sister's son
3. Mother's sister
4. Sister's husband
Q. 47 ' $A=B$ ' means ' $A$ is the father of $B$ '.
' $A$ \$ $B$ ' means ' $A$ is the sister of $B$ '.
' $A$ * $B$ ' means ' $A$ is the mother of $B$ '.
' $A$ ? $B$ ' means ' $A$ is the son of $B$ '.
If $M$ ? C \$ $J^{*} Z$, then how is $J$ related to $M$ ?
Ans
5. Sister
6. Mother's sister
7. Mother's mother
8. Brother
Q. 48 Rohit drives 3 km towards north from point A. He takes a left turn and drives 4 km . Again he takes a left turn and drives 6 km . Finally, he takes a left turn and drives 4 km to reach point B. How far and towards which direction should he drive in order to reach point A again?

Ans

1. 4 km towards south
2. 3 km towards east
3. 3 km towards north
4. 2 km towards west
Q. 49 In a certain code language, 'FRIEND' is written as 'IIFDME' and 'DEMAND' is written as 'MVDDMA'. How will 'GROUND' be written in that language?

Ans

- 1. DOTENC

2. PXKRYS
3. OIGDMU
4. OFTSBU

Question ID : 26433074762
Option 1 ID : 264330293138
Option 2 ID : 264330293139
Option 3 ID : 264330293137
Option 4 ID : 264330293136 Status: Answered
Q. 50 Select the Venn diagram that best illustrates the relationship between the following classes.

Pencil, Eraser, Sharpener
Ans
$\times 1$

$\checkmark 2$.

$\times 3$


Section: General Knowledge and General Awareness
Q. 1 Which of the following does NOT belong to the family of organic compounds?

Ans

- 1. Ammonia

X 2. Nonane
X
3. Furan
4. Decane
Q. 2 In November 2020, has set a record of becoming the world's fastest piano player ever

Ans

1. Lydian Nadhaswaram
2. Anisrinivasan
3. Gauri Mishra
4. Shikha Chaurasia

Question ID : 264330145151
Option 1 ID : 264330568862
Option 2 ID : 264330568861
Option 3 ID : 264330568859
Option 4 ID : 264330568860 Status: Answered
Q. 3 For Kharif crops, the temperature required for farming is above 25 degrees Celsius with high humidity and annual rainfall above $\qquad$ cm.

Ans
(1. 16
2. 100
3.35
4.50
Q. 4 Bhutia dance is performed in which of the following states?

Ans
X 1. West Bengal
2. Odisha
3. Sikkim
4. Nagaland

Question ID : 264330164793
Option 1 ID : 264330646300
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 0 2}$
Option 3 ID : 264330646299
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 0 1}$
Q. 5 With which neighbouring country did India sign the Farakka Treaty in 1996 for sharing of the Ganga Waters and on augmenting its flows?
Ans
X 1. Bhutan
2. Bangladesh

X 3. Nepal
4. Afghanistan
Q. 6 Which ruler of the Chahamana dynasty made Ajmer his capital?

Ans

1. Ajayaraja

X 2. Prithviraj II
X 3. Arnoraj
X 4. Prithviraj III
Q. 7 How many Members of Parliament were elected from Punjab to the 17th Lok Sabha?

Ans
$\times 1.14$
< 2.15
3. 13
< 4.17
Question ID: $\mathbf{2 6 4 3 3 0 1 1 4 6 1 0}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 4 5 0 5 2 6}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 5 0 5 2 7}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 5 0 5 2 5}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 5 0 5 2 8}$
Status : Answered

Chosen Option : 4
Q. 8 In India, which of the following regulatory mechanisms was NOT in existence to enforce regulation of the industrial sector?
Ans $\quad$ 1. Industrial licensing under which every entrepreneur had to get permission from government officials to start a firm, close a firm or decide the amount of goods that could be produced.
2. Controls on price fixation and distribution of selected industrial products.
3. Private sector was allowed in all industries.
4. Some goods could be produced only in small-scale industries.
Q. 9 Who among the following Indian authors has written the autobiography titled 'My Story'?

Ans

1. Arundhati Roy
2. Shobha Dey
3. Kiran Desai
4. Kamala Das

## Q. 10 Methyl ethyl ketone is also known as:

Ans

1. 2-butanone
2. propanone

X 3. methyl pentanone
4. 2-butanol

Question ID : 264330131776
Option 1 ID : 264330516205
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 1 6 2 0 3}$
Option 3 ID : 264330516206
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 1 6 2 0 4}$ Status: Answered
Chosen Option: 4
Q. 11 Which of the following statements is NOT correct about fundamental duties in the Indian Constitution?
Ans

1. They are made to value and preserve the rich heritage of our composite culture.
2. They are made to cherish and follow the noble ideals which inspired our national struggle for freedom.

X 3. They are made to develop the scientific temper, humanism and the spirit of inquiry and reform.
4. They are made justiciable in nature.
Q. 12 Who was the first chairman of Finance Commission of India?

Ans
X 1. Ashok Kumar Chanda
2. KC Neogy

X 3. K Santhanam
4. PV Rajamannar
Q. 13 The First Commonwealth Games were organised in which of the following years?

Ans
< 1.1920
2. 1930
3. 1922
4. 1926

Question ID : 264330118888
Option 1 ID : 264330466207
Option 2 ID : 264330466210
Option 3 ID : 264330466208
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 6 6 2 0 9}$

Chosen Option: 1
Q. 14 Continental Shelf which is the shallowest part of the ocean has an average gradient of:

Ans
Х1. $8^{\circ}$ or even less
2. $1^{\circ}$ or even less
3. $5^{\circ}$ or even less
4. $2^{\circ}$ or even less
Q. 15 Dhruvasena II is related to which of the following ruling dynasties?

Ans $\quad$ 1. Vakataka
2. Pushyabhuti
3. Maitraka
4. Maukhari

Option 1 ID : 264330649354
Option 2 ID : 264330649353
Option 3 ID : 264330649351
Option 4 ID : 264330649352
Q. 16 Under which of the following Acts was the National Commission for Women established?

Ans

1. The National Commission for Women Act, 1989
2. The National Commission for Women Act, 1987
3. The National Commission for Women Act, 1990
4. The National Commission for Women Act, 1988

Question ID : 264330145264
Option 1 ID : 264330569313
Option 2 ID : 264330569311
Option 3 ID : 264330569314
Option 4 ID : 264330569312 Status : Answered
Chosen Option : $\mathbf{4}$
Q. 17 Identify the position of stomata in plants.

Ans
X 1. Tip of stem
2. Inside the roots

X 3. Inside the flower
4. Surface of leaves

Question ID : 26433064754
Option 1 ID : 264330253610
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 5 3 6 0 8}$
Option 3 ID : 264330253611
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 5 3 6 0 9}$ Status: Answered
Chosen Option: 1
Q. 18 Who among the following has given extraordinary powers during an emergency?

Ans

1. Prime Minister
2. The Chief Justice
3. The President
4. The Governor

Question ID : 264330118528
Option 1 ID : 264330465513
Option 2 ID : 264330465515
Option 3 ID : 264330465514
Option 4 ID : 264330465516
Q. 19 In India all loans that are below $\qquad$ are considered as micro loans.
Ans

1. one lakh rupees
2. two lakh rupees
3. four lakh rupees
4. three lakh rupees
Q. 20 Identify whether the given statements about p-block elements are correct or incorrect. Statement A: In p-block elements, the last electron enters the outermost p orbital. Statement B: The non-metals and metalloids exist only in the p-block of the periodic table.

Ans

1. Both Statements $A$ and $B$ are correct

X 2. Only Statement $A$ is correct
X 3. Both Statements $A$ and $B$ are incorrect
4. Only Statement B is correct
Q. 21 Vallabhbhai Patel and $\qquad$ helped Gandhi in Kheda by organising his tour of the villages and urging the peasants to stand firm against the government.
Ans
X 1. Jamunalal Bajaj
2. Mohammad Ali Jinnah
3. Motilal Nehru
4. Indulal Yajnik
Q. 22 The deliberations of the representatives at the Third Round Table Conference was held during the later months of which year?
Ans

1. 1932

X 2. 1929
X 3.1930
X4. 1931
Q. 23 Which part of the Indian Constitution deals with fundamental rights?

Ans

- 1. Part III

X 2. Part II
X 3. Part V
X 4. Part IV

Question ID : 264330111518
Option 1 ID : 264330438158
Option 2 ID : 264330438157
Option 3 ID : 264330438160
Option 4 ID : 264330438159 Status: Answered
Chosen Option : 1
Q. 24 At normal temperature and atmospheric pressure, $\qquad$ has a density of $1.87 \mathrm{~kg} / \mathrm{m}^{3}$, which is 1.5 times heavier than air and exists as a liquid below the critical temperature of $31^{\circ} \mathrm{C}$.
Ans

1. carbon dioxide
2. nitrogen
3. hydrogen
4. lithium
Q. 25 Sao Joao festival is celebrated primarily by the Catholic Christians in which of the following Indian states?
Ans
< 1. Assam
5. Goa

X 3. Manipur
4. Nagaland
Q. 26 According to the Global Hunger Index 2022, which neighbouring country is only behind India with a rank of 109 out of 121 countries?

Ans

1. Bangladesh
2. Afghanistan
3. Nepal
4. Pakistan
Q. 27 Which of the following was established by Jyotirao Govindrao Phule in 1873 to fight against idolatry and caste system?

Ans
X 1. Shree Narayan Guru Dharma Paripalana (SNDP) Movement
2. Satyashodhak Samaj

X 3. Young Bengal Movement
4. Arya Samaj
Q. 28 Who is the first Indian to participate in a Super Heavyweight Boxing event in the 2020 Olympic Games?
Ans

1. Satish Kumar
2. Manish Harshit
3. Sakshi Chaudhary
4. Amit Panghal
Q. 29 Prithviraj Raso, an epic poem about the life of the $12^{\text {th }}$ century Indian king, Prithviraj Chauhan, was written by:

Ans
X 1. Banabhatta
X 2. Ashvaghosa
X 3. Bharavi
4. Chand Bardai

Question ID : 26433071390
Option 1 ID : 264330279986
Option 2 ID : 264330279984
Option 3 ID : 264330279985
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 7 9 9 8 7}$
Status : Answered
Chosen Option: 4
Q. 30 Which is the most widely accepted model to explain the formation and evaluation of the solar system?
Ans

1. Nebular hypothesis
2. Gas hypothesis
3. Solar hypothesis
4. Cloud hypothesis

Option 1 ID : 264330445478
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 5 4 8 0}$
Option 3 ID : 264330445479
Option 4 ID : 264330445477
Status: Answered
Chosen Option: 1
Q. 31 How many controls are there globally that influence the climate of a particular zone?

Ans
$\times 1.8$
2. 6
$\times 3.3$
4.5
Q. 32 Moatsu festival of Nagaland is celebrated by which of the following tribes?

Ans
X 1. Bhil tribe
2. Ao tribe
3. Munda tribe
4. Bodo tribe
Q. 33 Which of the following is considered as a good indicator of economic growth?

Ans
$X 1$. Steady increase in loan
2. Steady increase in international trade

X 3. Steady increase in population
4. Steady increase in the GDP

Question ID : 26433054585
Option 1 ID : 264330213326
Option 2 ID : 264330213327
Option 3 ID : 264330213324
Option 4 ID : 264330213325 Status : Answered

Chosen Option : 4
Q. 34 What is the full form of PPLO with respect to bacteria?

Ans 1. Pleuro Pneumonia Like Organisms
2. Pleuro Platelet Like Organisms
3. Platelet Prone Like Organisms
4. Pneumonia Platelet Like Organisms

Question ID : 264330145218
Option 1 ID : 264330569127
Option 2 ID : 264330569129
Option 3 ID : 264330569128
Option 4 ID : 264330569130
Q. 35 Which of the following algae is also called kelp and found in the deep sea?

Ans
X 1. Chlamydomona
$X 2$. Fucus
3. Laminaria

X4. Nostoc
Q. 36 Atal Tunnel connects which two places?

Ans

1. Manali and Lahaul-Spiti valley
2. Shimla and Nainital
3. Shimla and Mansoori
4. Manali and Nainital
Q. 37 Priorities of the government in the fiscal area and its related policies and deviations are mentioned in which part of the budget document?

Ans

1. Fiscal Policy Strategy Statement
2. Appropriation Bill
3. Macroeconomic Framework Statement
4. Medium-term Fiscal Policy Statement
Q. 38 The structure that produces and holds sperm cells in bryophytes (non-vascular plants) and ferns is called:

Ans

1. megasporangia
2. archegonium
3. antheridium
4. protonema
Q. 39 Shore temple of Mamallapuram was built by:

Ans

1. Pallavas
2. Chalukayas
3. Nagas
4. Cholas
Q. 40 Dr.Teejan Bai, a Padma Shri, Padma Bhushan and Padma Vibhushan awardee is globally recognised for her contribution to which of the following art forms?
Ans
X 1. Gendi
5. Pandavani

X 3. Raut Nacha.
4. Jhirliti
Q. 41 In how many phases did the Indian Economy experience the success of the Green Revolution?

Ans

1. Two
2. Three
3. Five
4. Four
Q. 42 Which of the following statement is correct regarding climate of Indian subcontinent?
A. The climate of North India remains similar throughout the year
B. The Himalayas protect the subcontinent from extremely cold winds from central

Asia.

Ans

1. Only Statement B is correct
2. Both Statements $A$ and $B$ incorrect
3. Only Statement A is correct
4. Both Statements A and B correct
Q. 43 In a volleyball game, each team comprise of how many players?

Ans
$\times 1.5$

- 2.6
$\times 3.8$
-4.7
Q. 44 What is Kalbaisakhi?

Ans

1. Pre monsoon showers and thunderstorms
2. Cold waves and rains
$X$ 3. Snowfall and hail
3. Heatwaves and loo
Q. 45 Which of the following books is an autobiography of the former American president Bill Clinton?
Ans
$X$ 1. Becoming
4. My Life
$X$ 3. Long Walk to Freedom
X 4. My Country My Life

Question ID : 264330145176
Option 1 ID : 264330568959
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 6 0}$
Option 3 ID : 264330568961
Option 4 ID : 264330568962
Status: Answered
Chosen Option: 1
Q. 46 Tansen, the famous musician, often sang in the court of which ruler?

Ans

1. Sher Shah Suri
2. Akbar
3. Feroz Shah Tughlaq
4. Allaudin Khilji

Question ID : 26433074852
Option 1 ID : $\mathbf{2 6 4 3 3 0 2 9 3 4 9 9}$
Option 2 ID : 264330293497
Option 3 ID : 264330293498
Option 4 ID : 264330293496
Q. 47 Who among the following founded the Kalakshetra Foundation in Chennai that is an important centre for the study and performance of fine arts?

Ans

1. Rukmini Devi Arundale
2. Yamini Krishnamurthy
3. Mrinalini Sarabhai
4. Alarmel Valli
Q. 48 Which German chemist was the first to show a graphical representation of the periodicity of an atomic volume plotted against atomic weight?

Ans

1. Lothar Meyer
2. John Newlands
3. William Ramsay
4. Glenn T Seaborg
Q. 49 Which of the following is NOT an Equestrian discipline?

Ans
X 1. Dressage
2. Sprint

X 3. Show jumping
4. Vaulting

Question ID : 26433089944
Option 1 ID : 264330353253
Option 2 ID : 264330353256
Option 3 ID : 264330353255
Option 4 ID : 264330353254 Status: Answered
Chosen Option: 1
Q. 50 The Guru Kelucharan Mohapatra Yuva Pratibha Samman 2021 was presented to Arushi Mudgal for $\qquad$ dance.
Ans

1. Mohiniyattam
2. Odissi
3. Kuchipudi
4. Kathak

[^0]Q. 1 The radii of two cylinders are in the ratio of 4:5 and their heights are in the ratio of 5 : 2. The ratio of their volume is:

Ans
-1.9:4
2. $2: 1$
3.9:7
4. $8: 5$

Question ID : 264330145138
Option 1 ID : 264330568807
Option 2 ID : 264330568809
Option 3 ID : 264330568810
Option 4 ID : 264330568808 Status: Answered
Q. 2 A person crosses a 900-metre long street in 6 minutes. The speed of the person, in $\mathrm{km} / \mathrm{h}$, is:
Ans
X1. 10
2. 9
<3.5
4. 8
Q. 3 If 3 goats or 5 sheep can graze a field in 54 days, then in how many days can 6 goats and 8 sheep graze the same field?
Ans

- 1.15

2. 12
3. 10
4. 8
Q. 4 An item with a marked price of ₹ 3,800 was sold for $₹ 3,496$, after a discount of $y \%$ was offered. What was the value of $y$ ?

Ans

1. $7.5 \%$
2. $8.5 \%$
3. $8 \%$

X4.7\%

Question ID : 264330131158
Option 1 ID : 264330513744
Option 2 ID : 264330513746
Option 3 ID : 264330513745
Option 4 ID : 264330513743
Status : Marked For Review
Q. 5 A dishonest dealer announces selling his articles with $22 \%$ loss, but uses $35 \%$ lighter weights. What is the percentage of his profit or loss?
Ans
X $1.20 \%$ loss
2. 13\% profit
3. $13 \%$ loss
4. $20 \%$ profit
Q. 6 The following table represents the population of four different areas and the percentage of males, females, and children among them.

| Area | Population | Males | Females | Children |
| :--- | :--- | :--- | :--- | :--- |
| P | 10,000 | $40 \%$ | $40 \%$ | $20 \%$ |
| Q | 20,000 | $30 \%$ | $40 \%$ | $30 \%$ |
| R | 16,000 | $50 \%$ | $30 \%$ | $20 \%$ |
| S | 18,000 | $45 \%$ | $35 \%$ | $20 \%$ |

What is the total number of children in areas $P$ and $Q$ together?
Ans
(1. 7000

X2. 9000
( 3.6000
4. 8000
Q. 7 If $\theta$ is an acute angle and $\sin \theta+\operatorname{cosec} \theta=2$, then the value of $\sin ^{5} \theta+\operatorname{cosec}^{5} \theta$ is:

Ans $\times 1.10$

- 2.2
$\times 3.4$
4.5
Q. 8 What is the central angle corresponding to the expenditure spent on Education in the given figure?

| Amount spenton different expenditures |  |
| :---: | :---: |
|  | m Health |
|  | = Clothing |
|  | - Travelling |
|  | - Food |
| 6475 | - Rent |
|  | - Education |

Ans
-1. $55.8^{\circ}$
$\times 2.55 .2^{\circ}$
$\times 3.52^{\circ}$
$\times 4.42^{\circ}$
Q. 9

Evaluate $\frac{0.04}{0.05}$ of $\frac{\left(3 \frac{1}{3}-2 \frac{1}{2}\right) \div \frac{1}{2} \text { of } 1 \frac{1}{4}}{\frac{1}{3}+\frac{1}{5} \text { of } \frac{1}{9}}$

Ans
<1. 0.3
$\times 2.5$
-3.3
$\times 4.0 .03$

Option 1 ID : 264330250544
Option 2 ID : 264330250547
Option 3 ID : 264330250545
Option 4 ID : 264330250546
Q. 10

If $\tan A=\frac{4}{3}, 0 \leq A \leq 90^{\circ}$, then find the value of $\sin A$.
Ans
$\times 1 . \frac{3}{5}$
$\times 2.1$
×3. $\frac{3}{4}$

- $4 . \frac{4}{5}$
Q. 11 Find the LCM of 15, 24, 35 and 54.

Ans
X 1.5670

- 2.7560

X 3.7650
X4.6570
Q. 12 Study the given data and answer the question that follows.

The data shows the number of candidates (in thousand) appearing for Civil Service (CS) and Engineering Service (ES) Examinations in the years 2020, 2021, 2022 in USA.

| Year | Civil Service |  | Engineering Service |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Total No. of <br> Candidates <br> Appeared | Graduates out of the <br> total candidates <br> appeared (in \%) | Total No. of <br> Candidates <br> Appeared | Graduates out of <br> the total candidates <br> appeared (in \%) |
| 2020 | 75 | 60 | 89 | 57 |
| 2021 | 110 | 64 | 118 | 65 |
| 2022 | 120 | 80 | 135 | 78 |

What is total number of graduates who appeared for both CS and ES together in the year 2022?
Ans
X 1. 2,01,000
X 2. 2,01,100

- 3.2,01,300

X 4.2,01,200

> Question ID : $\mathbf{2 6 4 3 3 0 1 5 8 2 6 0}$
> Option 1 ID: $\mathbf{2 6 4 3 3 0 6 2 0 3 9 9}$
> Option 2 ID : $\mathbf{2 6 4 3 3 0 6 2 0 4 0 0}$
> Option 3 ID : $\mathbf{2 6 4 3 3 0 6 2 0 4 0 2}$
> Option 4 ID : $\mathbf{2 6 4 3 3 0 6 2 0 4 0 1}$
> Status : Not Answered
> Chosen Option : --
Q. 13 Let the speed of the boat in still water be $17 \mathrm{~km} / \mathrm{h}$ and let the speed of the stream be 5
$\mathrm{km} / \mathrm{h}$. What is the time taken by the boat to go 110 km downstream?
Ans
$\times 1.4 .5$ hours
X 2.6 hours
X 3.5 .5 hours
2. 5 hours
Q. 14 A number is first increased by $10 \%$ and then increased by $20 \%$. The number, so obtained, is now decreased by $12 \%$. What is the net increase or decrease per cent in the original number?

Ans

1. $16.16 \%$ increase
2. $14.14 \%$ decrease
3. $11.11 \%$ decrease
4. $12.12 \%$ increase
Q. 15 Study the given graph carefully and answer the question that follows.


In which year was there maximum percentage increase in the export of apples to that of the previous years?

Ans
X1. 2003
2. 2005
3. 2006
4. 2008
Q. 16 The following data gives a year-wise outlay (in lakhs of rupees) in a certain 4-year plan (2018-2022) of a state.

| Year | Health | Housing | Transport | Education |
| :--- | :--- | :--- | :--- | :--- |
| $2018-2019$ | 6200 | 6500 | 7100 | 8000 |
| $2019-2020$ | 7000 | 6600 | 7200 | 8100 |
| $2020-2021$ | 7300 | 6800 | 7400 | 8200 |
| $2021-2022$ | 7400 | 7000 | 7500 | 8400 |

What was the percentage increase during 2020-2021 over 2018-2019 in Education outlay?
Ans
X1.2.8\%
X 2. 3.2\%
X 3. $2.0 \%$
4. $2.5 \%$
Q. 17 The first shirt is sold at twice the selling price of the second shirt. The first shirt is sold at $8 \%$ profit and the second shirt is sold at a $3 \%$ loss. What is the overall percentage profit on the shirts (Rounded off to two decimal place)?
Ans
X1. $4.86 \%$

- 2. 4.07\%
$\times 3.4 .60 \%$
X4. 3.86\%
Q. 18 The areas of the two triangles are in the ratio 4:3 and their heights are in the ratio 6 : 5. Find the ratio of their bases.

Ans

1. $5: 6$
2. $10: 9$
3. $6: 5$
4. $9: 10$
Q. 19 The largest number of four digits that is exactly divisible by 17 and 36 is:

Ans
X 1.7956
2. 9180
3. 9792
4. 8568
Q. 20 PQR is an equilateral triangle inscribed in a circle. S is any point on the arc QR . Measure of $\frac{1}{2} \angle \mathrm{PSQ}$ is:

Ans
$\times 1.20^{\circ}$
C $2.15^{\circ}$
3. $30^{\circ}$
$\times 4.60^{\circ}$
Q. 21 If $\frac{x}{y}+\frac{y}{x}=1$ and $x+y=2$, then the value of $x^{3}+y^{3}$ is:

Ans
$\times 1.1$
$\times 2.3$
$\checkmark 3.0$
$\times 4.2$
Q. 22 If the height of a cone is 7 cm and the diameter of the circular base is $12 \mathbf{~ c m}$, then its volume is (nearest to integer):
Ans
$\times 1.254 \mathrm{~cm}^{3}$
$\times 2.284 \mathrm{~cm}^{3}$

- $3.264 \mathrm{~cm}^{3}$
$\times 4.274 \mathrm{~cm}^{3}$
Q. $23 \mathrm{~A}, \mathrm{~B}$ and $C$ can do a piece of work in 20 days, 30 days and 60 days respectively. If $A$ works daily and on every third day $B$ and $C$ also work with $A$, then in how many days, will the work be completed?
Ans

1. 21
2. 18
3. 12
4. 15
Q. 24 Darjeeling gets tourists from two countries A and B. Percentage wise distribution of the influx of tourists is given below for the first six months of the year:

| Total number of <br> tourists $=60000$ |  |
| :--- | :---: |
| Month | Ratio(A : B) |
| Jan | $5: 7$ |
| Feb | $6: 7$ |
| Mar | $3: 2$ |
| April | $8: 7$ |
| May | $4: 5$ |
| June | $3: 4$ |



Find the ratio of tourists from country A coming in during March and April.

Ans

1. $4: 7$
2. 3:7

X 3.7:10
4. 9:10
Q. 25 The value of $11 \times 11+11 \div 11-11 \times 11+11+11 \times 11-11-11 \times 11$ is:

Ans
2. 1

X 2.11
3. 121
4.0

Option 1 ID : 264330286053
Option 2 ID : 264330286054
Option 3 ID : 264330286055
Option 4 ID : 264330286052
Q. 26 A man spends $72 \%$ of his salary and saves ₹ 5,740 per month. What is $10 \%$ of his annual salary (in ₹)?

Ans

1. ₹21600
2. ₹ 24600
3. ₹20500
4. ₹28400

Question ID : 264330145060
Option 1 ID : 264330568496
Option 2 ID : 264330568498
Option 3 ID : 264330568495
Option 4 ID : 264330568497
Status : Not Answered
Chosen Option :--
Q. 27 The population of a city is $3,52,314$. It increases annually at the rate of $15 \%$ per annum. What was its population 2 years ago?
Ans
X1.3,02,400
2. 3,06,360
3. $2,66,400$
4. $2,56,400$
Q. 28 A tourist van travels the distance of 35 km from Dehradun to Mussoorie at an average speed of $36 \mathrm{~km} / \mathrm{h}$ and returns at $60 \mathrm{~km} / \mathrm{h}$. What is the approximate average speed (in $\mathrm{km} / \mathrm{h}$ ) of the tourist van for the entire journey?
Ans
$\times 1.48$
$\times 2.42$

- 3.45
$\times 4.50$
Q. 29 The HCF and the LCM of two numbers are 5 and 175, respectively. If the ratio of the two numbers is $5: 7$, the larger of the two numbers is $\qquad$ -.

Ans

1. 35
2. 25
3. 45
4.75

Question ID : 264330102313
Option 1 ID : 264330401718
Option 2 ID : 264330401717
Option 3 ID : 264330401719
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 0 1 7 2 0}$ Status: Answered
Q. 30 The product of two numbers is 726 and their HCF is 11 , then their LCM is:

Ans
$\times 1.58$
2. 68
3. 66
4. 76

Question ID : 264330145032
Option 1 ID : 264330568385
Option 2 ID : 264330568386
Option 3 ID : 264330568384
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 3 8 3}$ Status : Not Answered
Chosen Option : --
Q. 31 If a truck moves at a constant speed of $30 \mathrm{~km} / \mathrm{h}$ for 1 kilometre and $45 \mathrm{~km} / \mathrm{h}$ for the next 1 kilometre. What is the average speed of the truck?
Ans

1. $32 \mathrm{~km} / \mathrm{h}$
2. $36 \mathrm{~km} / \mathrm{h}$

Х $3.38 \mathrm{~km} / \mathrm{h}$
4. $34 \mathrm{~km} / \mathrm{h}$
Q. 32 P, Q and R, when working individually, can complete a job in, respectively, 36 days, 48 days and 144 days. $P, Q$ and $R$ start working together. $P$ leaves the job 12 days before completion and $Q$ leaves the job 8 days before completion. $\mathbf{R}$ works from the beginning till the end of the job. Determine the total number of days taken to complete the job.
Ans
X1.24

- 2.27
$\times 3.30$
$\times 4.25$
Q. 33 If $a+b=10$ and $a b=6$, then the value of $a^{3}+b^{3}$ is:

Ans

1. 800
2. 820
3. 860
4. 840
Q. 34 If $\cos \theta-\sin \theta=\sqrt{2} \sin \theta$, then $(\cos \theta+\sin \theta)$ is:

Ans

1. $-\sqrt{2} \cos \theta$
2. $\sqrt{2} \cos \theta$
3. $\sqrt{2} \tan \theta$
4. $-\sqrt{2} \sin \theta$
Q. 35 The sides of a triangle are in the ratio $5: 12: 13$ and its perimeter is 90 cm . Find its area (in cm ${ }^{2}$ ).
Ans
$\times 1.150$
5. 270
$\times 3.30$
4.60

Question ID : 264330145113
Option 1 ID : 264330568707
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 7 0 9}$
Option 3 ID : 264330568708
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 7 1 0}$
Status : Not Answered
Q. 36 The given pie-chart shows the distribution of the marks scored by Ram in five different subjects (in percentage).


What is the ratio of the central angle of Maths to the central angle of Science?
Ans
X1.5:2
2. $2: 3$
$\times 3.4: 3$
X4.3:5
Q. 37 Study the given data and answer the question that follows.

The tables shows the number of candidates (in lakh) appearing in an entrance exam from four different cities and the ratio of candidates passing and failing in the same.

| City | A | B | C | D |
| :--- | :--- | :--- | :--- | :--- |
| Number of candidates | 2.15 | 1.14 | 1.56 | 2.35 |

Ratio of candidates passing and failing within the city.

| City | Passing | Failing |
| :--- | :--- | :--- |
| A | 4 | 2 |
| B | 5 | 3 |
| C | 6 | 4 |
| D | 4 | 6 |

What is the number of failed candidates (in lakh) in city D?
Ans
$\times 1.1 .70$
$\times 2.1 .25$
$\times 3.1 .85$
4. 1.41
Q. 38 Two circles of radius 13 cm and 15 cm intersect each other at points $A$ and $B$. If the length of the common chord is 12 cm , then what is the distance between their centres?

Ans
x. $\sqrt{145}+\sqrt{184}$
2. $\sqrt{131}+\sqrt{181}$
3. $\sqrt{145}+\sqrt{169}$
4. $\sqrt{133}+\sqrt{189}$
Q. 39 Study the given bar-graph and answer the question that follows.

The bar-graph shows the higher secondary students of a school for the years 2008, 2009 and 2010.


The percentage of students who passed in the second division in the year
2010 was:
Ans
1.25\%
2. 28\%
3. $30 \%$
4.32\%

Question ID : 264330163475
Option 1 ID : 264330641159
Option 2 ID : 264330641160
Option 3 ID : 264330641161
Option 4 ID : 264330641162
Status : Answered
Chosen Option : 3
Q. 40 Two numbers are in the ratio 5:3 and the difference between these two numbers is 34 . Find the smaller of the two numbers.

Ans

- 1.51
$\times 2.85$
X 3.68
4.34
Q. 41 The radii of the ends of a frustum of a solid right-circular cone 45 cm high are 28 cm and 7 cm . If this frustum is melted and reconstructed into a solid right circular cylinder whose radius of base and height are in the ratio $3: 5$, find the curved surface area (in $\mathrm{cm}^{2}$ ) of this cylinder. [Use $\pi=\frac{22}{7}$.]

Ans
X 1.4580
2. 4610
3. 4640
4. 4620
Q. 42 A man runs for 40 km . The time taken by him in the first 10 km is twice the time taken by him in the second 10 km . The time taken in the third 10 km is half of the time taken in the fourth 10 km , and the time taken in the fourth 10 km is equal to the time taken in the first 10 km . If his speed in the first 10 km is $40 \mathrm{~km} / \mathrm{h}$, then what is the average speed for 40 km ?
Ans

1. $50 \mathrm{~km} / \mathrm{h}$
2. $\frac{70}{3} \mathrm{~km} / \mathrm{h}$
3. $\frac{160}{3} \mathrm{~km} / \mathrm{h}$
$\times 4.40 \mathrm{~km} / \mathrm{h}$
Q. 43 Find the value of $\left(\tan ^{2} \theta+\tan ^{4} \theta\right)$.

Ans
$X$ 1. $\operatorname{Cot}^{2} \theta-\tan ^{2} \theta$
2. $\operatorname{Sec}^{4} \theta-\operatorname{Sec}^{2} \theta$
$X$ 3. $\operatorname{Sec}^{2} \theta-\operatorname{Sec}^{4} \theta$4. $\operatorname{Sec}^{4} \theta+\operatorname{Sec}^{2} \theta$
Q. 44 If the hypotenuse of a right-angled triangle is 29 cm and the sum of the other two sides is 41 cm , then the difference between the other two sides is:
Ans
$\times 1.5 \mathrm{~cm}$
2. 1 cm

X 3.2 cm
4. 10 cm

Question ID : 264330165659
Option 1 ID : 264330649716
Option 2 ID : 264330649718
Option 3 ID : 264330649717
Option 4 ID : 264330649715
Status: Answered
Q. 45 Two numbers are in the ratio $3: 4$. The product of their HCF and LCM is 2700 . The sum of the numbers is:
Ans
$\times 1.60$
2. 105
( 3.15
4.45
Q. 46 Rajesh invested ₹ 10,000 by dividing it into two different investment schemes, $A$ and $B$,
at simple interest rates of $8 \%$ and $10 \%$, respectively. If the total interest earned in 2
years is $₹ 1,680$, the amount invested in scheme $A$ is:
Ans

1. ₹8,000
2. ₹2,000
3. ₹6,000
4. ₹4,000
Q. 47 If $\mathbf{4 2 , 3 6}$ and 35 are the first three terms of a proportion, then the fourth term is:

Ans
$\times 1.27$
$\times 2.28$

- 3.30
$\times 4.32$

Question ID : 264330145045
Option 1 ID : 264330568438
Option 2 ID : 264330568437
Option 3 ID : 264330568436
Option 4 ID : 264330568435 Status: Answered
Chosen Option : 2
Q. 48 If the price item is increased by 70\% and then allows a scheme discount of 5\% and $\mathbf{2 0 \%}$ on this marked price. If price is paid in cash and additional discount of $\mathbf{2 0 \%}$ is allowed then what is his gain percentage?

Ans

1. $2.25 \%$
2. $4.36 \%$
3. $3.25 \%$
4. $3.36 \%$
Q. 49 Jonathan had borrowed a sum of money 3 years ago at $10 \%$ interest per annum compounded annually for a 5-year period, with the amount to be paid at the end of the period being ₹ $1,61,051$. However, there is no pre-payment penalty and Jonathan has received some bonus payment now, with which he has decided to clear his debt. How much does Jonathan have to pay now to clear his debt?
Ans
X 1. ₹1,33,000
X 2. ₹ $1,32,900$
5. ₹ $1,33,100$
6. ₹1,33,200
Q. 50 What is the area of a triangle whose sides are of lengths $12 \mathrm{~cm}, 13 \mathrm{~cm}$ and 5 cm ?

Ans

1. $30 \mathrm{~cm}^{2}$
2. $15 \mathrm{~cm}^{2}$
3. $40 \mathrm{~cm}^{2}$
4. $70 \mathrm{~cm}^{2}$

Section : English Comprehension
Q. 1 Select the INCORRECTLY spelt word.

Ans
X 1. Interrogate
X 2. Alienate
X 3. Deserve
4. Assasinate
Q. 2 Select the most appropriate meaning of the given idiom. Bend over backwards
Ans

1. Working hard to try to impress

X 2. Working slowly and lazily
X 3. Going backward
X 4. Using wrongful means
Q. 3 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
This was a blatent disregard to the advisory by the host against it and in violation of norms of the meeting.

Ans
X 1. advisory
2. blatent

X 3. disregard
X4. violation
Q. 4 Parts of the following sentence have been given as options. Select the option that contains an error.
The dancers swayed dainty on the stage last night.
Ans
X 1. last night
2. on the stage
3. The dancers
4. swayed dainty
Q. 5 Select the most appropriate one-word substitution of the given group of words.

A notice of the death of a person, often with a biographical sketch, as in a newspaper.
Ans

1. Obituary
2. Oblivion
3. Elegy
4. Advertisement
Q. 6 Select the INCORRECTLY spelt word.

Ans
X 1. Adjacent
X 2. Accomplish
3. Agregate
4. Allure
Q. 7 Select the most appropriate idiomatic expression that can substitute the underlined segment in the given sentence. Both Nitin and Uday are of the same interests.
Ans
X 1. under the weather
2. birds of the same feather
3. blowing smoke without fire
4. different kettles of fish
Q. 8 Select the most appropriate ANTONYM of the word 'moving' in the given sentence and choose the correct option.

The old grandfather clock chimed loudly, marking the passage of time with its steady tick-tock.

Ans

1. Steady
2. Marking
3. Chimed
4. Passage
Q. 9 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Her paintings are way better then her sketches.
Ans
X 1. off
5. than

X 3. more
4. No substitution required

Question ID : 26433070772
Option 1 ID : 264330277544
Option 2 ID : 264330277546
Option 3 ID : 264330277545
Option 4 ID : 264330277547
Status: Answered
Q. 10 Select the most appropriate meaning of the underlined idiom in the given sentence.

I hate to get off on the wrong foot.
Ans
Х 1. To start something with positive factors
Х 2. To start something with neutral factors
3. To start a relationship or activity badly

X 4. To start something with an injury on the wrong foot

Question ID : 26433089397
Option 1 ID : 264330351089
Option 2 ID : 264330351091
Option 3 ID : 264330351090
Option 4 ID : 264330351092
Status: Answered
Chosen Option: 3
Q. 11 Select the most appropriate phrasal verb to fill in the blank. Arunima $\qquad$ a lot during her vacation time.
Ans
$\times 1$. gets on
X 2. gets after
3. gets about
4. gets along
Q. 12 Select the most appropriate meaning of the given idiom. The best of both worlds

Ans

1. Good things come after bad things
2. An ideal situation
3. Better to show than tell
4. Make people comfortable
Q. 13 Select the option that can be used as a one-word substitute for the underlined group of words.

How did you become interested in learning the art of producing beautiful handwriting?
Ans
X 1. Lexicography
X 2. Demography
3. Calligraphy
4. Graphology
Q. 14 Select the most appropriate synonym of the given word.

Haphazard
Ans

1. Random
2. Sociable
3. Aggressive
4. Confident
Q. 15 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

We feed the horse oats for a week because it had eaten all the hay.
Ans
X1. No error
2. it had eaten all the hay
3. We feed the horse oats
4. for a week because

Question ID : 26433090495
Option 1 ID : 264330355432
Option 2 ID : 264330355431
Option 3 ID : 264330355429
Option 4 ID : 264330355430
Status: Answered
Chosen Option : 1
Q. 16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
They will not attend / the event / as they're going / away at end of April.
Ans

1. away at end of April.

X 2. as they're going
> 3. the event
4. They will not attend

Question ID : 264330120573
Option 1 ID : 264330472536
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 7 2 5 3 5}$
Option 3 ID : 264330472538
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 7 2 5 3 7}$
Q. 17 Select the option that can be used as a one-word substitute for the underlined group of words.

Ms. Scarlet was indifferent to pain and pleasure, she never complained.
Ans
X 1. Hypocrite
2. Stoic
3. Versatile
4. Amateur
Q. 18 You are preparing a speech for the upcoming function. Select a synonym for the highlighted word to make it better.
Despite the advancement in technology many rural areas in developing countries still lack access to basic necessities.

Ans
X 1. Desist
X 2. Disguise
3. Avenue

X4.Apathy
Q. 19 Select the most appropriate meaning of the underlined idiom.

Students often burn the midnight oil to qualify for competitive examinations.
Ans

1. put the things on fire at night
2. want to be at a place full of light
3. work until late at night
4. sleep well
Q. 20 Select the most appropriate meaning of the underlined idiom. More people in Turkey are on the breadline now than thirty years ago.
Ans
5. Be very poor
6. Are well educated
7. Be very expensive
8. Earn a lot of money
Q. 21 Select the most appropriate synonym of the given word. Justifiable

Ans

1. Indefensible
2. Neutral
3. Maintainable
4. Reasonable
Q. 22 Select the most appropriate meaning of the given idiom.

Left out in the cold
Ans

1. To serve stale and cold food
$\times 2$. To leave in hurry
2. To bear extreme weather condition
3. To be ignored

Question ID : 264330163406 Option 1 ID : 264330640906 Option 2 ID : 264330640904 Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 0 9 0 5}$ Option 4 ID : 264330640903 Status: Answered
Chosen Option : 2
Q. 23 Select the option that can be used as a one-word substitute for the given group of words.

Fear of water
Ans

1. Hydrophobia
2. Bibliophobia
3. Microphobia
4. Botanophobia
Q. 24 Select the option that can substitute the bracketed word segment correctly and complete the following sentence meaningfully.
Lots of kids (was visualised) crossing the road when the bus arrived.
Ans
5. were seen
6. have been seen
7. are seen
8. was seen

Question ID : 264330134148
Option 1 ID : $\mathbf{2 6 4 3 3 0 5 2 5 6 1 7}$
Option 2 ID : 264330525618
Option 3 ID : 264330525616
Option 4 ID : 264330525615
Status: Answered
Q. 25 Select the most appropriate synonym of the given word. Dreadful
Ans

- 1. Feeble

2. Terrible
3. Auspicious
4. Propitious
Q. 26 Select the most appropriate meaning of the underlined idiom. We dodged a bullet when we didn't fall for the agents' words.
Ans
Х 1. To give something a try
5. To narrowly avoid situation
$\chi$ 3. To be out of your comfort zone
6. To start performing better
Q. 27 Select the word which means the same as the group of words underlined in the given sentence.

The pandemic deeply affected small business owners, as they have no means of livelihood left.

Ans

1. Pauper
2. Worker
3. Unemployed
4. Mason
Q. 28 Select the option that will improve the underlined part of the given sentence. The use of chemicals, insecticides and pesticides began after the Green Revolution.
Ans
5. A practice of chemicals, insecticides and pesticides
6. The custom of chemicals, insecticides and pesticides
7. Consumption of chemicals, insecticides and pesticides
8. The usage of chemicals, insecticides and pesticides
Q. 29 Select the most appropriate ANTONYM of the given word.

Catastrophic
Ans

1. Calamity
2. Fortuitous
3. Fiasco
4. Sabotage
Q. 30 Select the most appropriate meaning of the given idiom.

An arm and a leg
Ans
X 1. To ask for too much
2. A large amount of money

X 3. Everything is ready
4. To be lost and bewildered

Question ID : 26433092076
Option 1 ID : 264330361626
Option 2 ID : 264330361627
Option 3 ID : 264330361625
Option 4 ID : 264330361628
Status: Answered
Chosen Option : 1
Q. 31 The following sentence has been split into four segments. Identify the segment that contains a spelling error.
He wrote his dairy / in code / so that nobody / could understand it.
Ans
X 1. so that nobody
2. could understand it
3. in code
4. He wrote his dairy
Q. 32 Select the most appropriate ANTONYM for the highlighted word. The negligent attitude of the cops was criticised.
Ans

1. attentive
2. reluctant
3. amplify
4. bored
Q. 33 Select the most appropriate one-word substitution of the given group of words.

A person engaged in or trained for spaceflight.
Ans

- 1. Astute

2. Astronomer
3. Astronaut
4. Atrocious

Question ID : 26433090849
Option 1 ID : 264330356806
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 5 6 8 0 8}$
Option 3 ID : 264330356807
Option 4 ID : 264330356805
Status: Marked For Review
Chosen Option : 3
Q. 34 Select the most appropriate synonym of the given word.

Site
Ans
X1. Lap
2. Location

X 3. Globe
X4. Pull

Question ID : 26433063165
Option 1 ID : 264330247327
Option 2 ID : 264330247324
Option 3 ID : 264330247325
Option 4 ID : 264330247326 Status: Answered
Chosen Option : 2
Q. 35 Select the INCORRECTLY spelt word.

Ans
$X 1$. Serene
X 2. Triumph
3. Comparsion
4. Unveil

Question ID : 26433091837
Option 1 ID : 264330360685
Option 2 ID : 264330360686
Option 3 ID : 264330360688
Option 4 ID : 264330360687
Status: Answered
Chosen Option: 1
Q. 36 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She will have participate / in the dance competition / by the time her father / returns from the tour.

Ans
$X 1$. in the dance competition
2. She will have participate
$X$ 3. by the time her father
4. returns from the tour
Q. 37 Select the option that can be used as a one-word substitute for the given group of words.
Working or operating quickly and effectively in an organised way
Ans

1. Efficient
2. Extensive
3. Excellent
4. Effusive

Question ID : 26433099604
Option 1 ID : 264330391031
Option 2 ID : 264330391030
Option 3 ID : 264330391032
Option 4 ID : 264330391029 Status: Answered
Chosen Option: 1
Q. 38 Select the most appropriate synonym of the given word.

Abandon
Ans

1. Perish
2. Desert
$X$ 3. Prolong
3. Retain
Q. 39 Select the most appropriate ANTONYM of the given word. Damp

Ans

1. Misty
2. Arid
3. Tropical
4. Soaked

Question ID : 264330165261
Option 1 ID : 264330648138
Option 2 ID : 264330648136
Option 3 ID : 264330648135
Option 4 ID : 264330648137
Q. 40 Select the most appropriate meaning of the given idiom.

A leopard can't change his spots
Ans
X 1 . Someone who is cherished above all others
2. A visual presentation is far more descriptive than words
3. Something good that isn't recognised at first
4. You cannot change who you are

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

The Amazon rainforest is an awe-inspiring natural wonder that (1) $\qquad$ across several South American countries, including Brazil, Peru, Colombia, and Ecuador. Covering an (2) $\qquad$ area of 5.5 million square kilometres, it is the largest tropical rainforest on Earth. The Amazon jungle is (3) $\qquad$ for its remarkable biodiversity, harbouring an astonishing array of plant and animal species that are still being discovered and studied. The dense vegetation of the jungle creates a (4) $\qquad$ and complex ecosystem, supporting countless species and providing crucial ecosystem services such as carbon sequestration and climate regulation. It is also home to (5) $\qquad$ communities that have thrived within its rich confines for centuries, preserving their traditions and deep connection to the land.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans
$X$ 1. reaches
X 2. lengths
X 3. amounts
4. spans

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

The Amazon rainforest is an awe-inspiring natural wonder that (1) $\qquad$ across several South American countries, including Brazil, Peru, Colombia, and Ecuador. Covering an (2) $\qquad$ area of 5.5 million square kilometres, it is the largest tropical rainforest on Earth.
The Amazon jungle is (3) $\qquad$ for its remarkable biodiversity, harbouring an astonishing array of plant and animal species that are still being discovered and studied. The dense vegetation of the jungle creates a (4) $\qquad$ and complex ecosystem, supporting countless species and providing crucial ecosystem services such as carbon sequestration and climate regulation. It is also home to (5) $\qquad$ communities that have thrived within its rich confines for centuries, preserving their traditions and deep connection to the land.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans
X 1. gauged
X 2. rated

- 3. estimated

X 4. evaluated
Question ID:264330164255
Option 1 ID : 264330644247
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 4 2 5 0}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 4 2 4 8}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 6 4 4 2 4 9}$
Status: Answered
hosen Option: $\mathbf{3}$

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

The Amazon rainforest is an awe-inspiring natural wonder that (1) $\qquad$ across several South American countries, including Brazil, Peru, Colombia, and Ecuador. Covering an (2) $\qquad$ area of 5.5 million square kilometres, it is the largest tropical rainforest on Earth. The Amazon jungle is (3) $\qquad$ for its remarkable biodiversity, harbouring an astonishing array of plant and animal species that are still being discovered and studied. The dense vegetation of the jungle creates a (4) $\qquad$ and complex ecosystem, supporting countless species and providing crucial ecosystem services such as carbon sequestration and climate regulation. It is also home to (5) $\qquad$ communities that have thrived within its rich confines for centuries, preserving their traditions and deep connection to the land.

SubQuestion No : 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans
$X 1$. great
X 2. acclaimed
3. renowned

X 4. pre-eminent

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

The Amazon rainforest is an awe-inspiring natural wonder that (1) $\qquad$ across several South American countries, including Brazil, Peru, Colombia, and Ecuador. Covering an (2) $\qquad$ area of 5.5 million square kilometres, it is the largest tropical rainforest on Earth.
The Amazon jungle is (3) $\qquad$ for its remarkable biodiversity, harbouring an astonishing array of plant and animal species that are still being discovered and studied. The dense vegetation of the jungle creates a (4) $\qquad$ and complex ecosystem, supporting countless species and providing crucial ecosystem services such as carbon sequestration and climate regulation. It is also home to (5) $\qquad$ communities that have thrived within its rich confines for centuries, preserving their traditions and deep connection to the land.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank number 4.

Ans
X 1. vigour
X 2. spirited
3. vibrant

X 4. lavish
Question ID: $\mathbf{2 6 4 3 3 0 1 6 4 2 5 7}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 6 4 4 2 5 8}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 4 2 5 6}$
Option 3 ID: $\mathbf{2 6 4 3 3 0 6 4 4 2 5 5}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 6 4 4 2 5 7}$
Status: Answered
hosen Option: $\mathbf{4}$

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

The Amazon rainforest is an awe-inspiring natural wonder that (1) $\qquad$ across several South American countries, including Brazil, Peru, Colombia, and Ecuador. Covering an (2) $\qquad$ area of 5.5 million square kilometres, it is the largest tropical rainforest on Earth. The Amazon jungle is (3) $\qquad$ for its remarkable biodiversity, harbouring an astonishing array of plant and animal species that are still being discovered and studied. The dense vegetation of the jungle creates a (4) $\qquad$ and complex ecosystem, supporting countless species and providing crucial ecosystem services such as carbon sequestration and climate regulation. It is also home to (5) $\qquad$ communities that have thrived within its rich confines for centuries, preserving their traditions and deep connection to the land.

SubQuestion No : 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans
$\times 1$. late
X 2. ancient
3. indigenous

X4. organic

## Comprehension:

Read the given passage and answer the question that follows.
We started our research into organisational and personal excellence by studying a slightly different topic. We figured that if we could learn why certain people were more effective than others, then we could learn exactly what they did, clone it and pass it on to others. We asked people to identify who they thought were their most effective colleagues. In fact, over the past twenty-five years, we have asked over twenty thousand people to identify the individuals in their organisations who could really get things done. We wanted to find those who were not just influential but who were far more influential than the rest.

SubQuestion No : 46
Q. 46 Which real life situation can be the most appropriate to be inferred from the passage?

X 1. Inflation has direct influence on the morals and ethics of an individual.
2. If we do something wrong to decent people, the same comes to haunt us even after many years.
X 3. People nowadays do not have patience and want quick success and does not matter what path they choose to obtain their targets.
4. Jassie is an efficient employee whose work ethics can be a case study to learn more about organisational and personal excellence.

## Comprehension:

Read the given passage and answer the question that follows.
We started our research into organisational and personal excellence by studying a slightly different topic. We figured that if we could learn why certain people were more effective than others, then we could learn exactly what they did, clone it and pass it on to others. We asked people to identify who they thought were their most effective colleagues. In fact, over the past twenty-five years, we have asked over twenty thousand people to identify the individuals in their organisations who could really get things done. We wanted to find those who were not just influential but who were far more influential than the rest.

SubQuestion No : 47
Q. 47 Select the most suitable structure for the above passage.

Ans
X 1. Chronological
X 2. Cause and Effect
2. Pragmatic

X 4. Compare and contrast

## Comprehension:

Read the given passage and answer the question that follows.
We started our research into organisational and personal excellence by studying a slightly different topic. We figured that if we could learn why certain people were more effective than others, then we could learn exactly what they did, clone it and pass it on to others. We asked people to identify who they thought were their most effective colleagues. In fact, over the past twenty-five years, we have asked over twenty thousand people to identify the individuals in their organisations who could really get things done. We wanted to find those who were not just influential but who were far more influential than the rest.

SubQuestion No : 48
Q. 48 Select the most appropriate ANTONYM of the given word.

Effective
Ans
$X$ 1. Deniable
$X$ 2. Harmonious
3. Fruitless
$X$ 4. Courteous

## Comprehension:

Read the given passage and answer the question that follows.
We started our research into organisational and personal excellence by studying a slightly different topic. We figured that if we could learn why certain people were more effective than others, then we could learn exactly what they did, clone it and pass it on to others. We asked people to identify who they thought were their most effective colleagues. In fact, over the past twenty-five years, we have asked over twenty thousand people to identify the individuals in their organisations who could really get things done. We wanted to find those who were not just influential but who were far more influential than the rest.

SubQuestion No: 49
Q. 49 Select the most appropriate title to the given passage.

Ans

1. Research Grants in Organisations

X 2. Learn, Clone and Pass
2. Most Effective Colleagues
4. Different Topics

Comprehension:
Read the given passage and answer the question that follows.
We started our research into organisational and personal excellence by studying a slightly different topic. We figured that if we could learn why certain people were more effective than others, then we could learn exactly what they did, clone it and pass it on to others. We asked people to identify who they thought were their most effective colleagues. In fact, over the past twenty-five years, we have asked over twenty thousand people to identify the individuals in their organisations who could really get things done. We wanted to find those who were not just influential but who were far more influential than the rest.

SubQuestion No: 50
Q. 50 Select the statement that most appropriately sums up the passage given.

Ans $\times 1$. Some people cannot be identified due to their most effective ways in 25 years.
2. Research grants in an organisation should be increased for personal excellence.
3. It takes 25 years of research to make people more effective and influential.
4. Some people are more effective and more influential than others to get things done.

Question ID: 264330164708
Option 1 ID : 264330645988
Option 2 ID : 264330645987
Option 3 ID : 264330645990
Option 4 ID : 264330645989
Status : Answered
Chosen Option : 4

## Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate |  |
| Name |  |
| Venue Name | Rajadhani Institute of Engineering And Technology <br> Block II |
| Exam Date | O3/10/2023 |
| Exam Time | 12:30 PM - 2:30 PM |
| Subject | SICPO Paper I 2023 |

Section : General Intelligence and Reasoning
Q. 1 Which of the following numbers will replace the question mark (?) in the given series? 91, 111, 133, ?, 183, 211
Ans

1. 149

X2. 156
X 3.167

- 4.157
Q. 2 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
All valleys are mountains.
No sea is a mountain.
Some plains are seas.
Conclusions:
I. Some valleys are plains.
II. No plain is a mountain.
III. No sea is a valley.

Ans
X 1. Only conclusion II follows.
2. Only conclusion III follows
$\times 3$. Only conclusion I follows.
4. Both conclusions I and II follow.
Q. 3 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(25,3,150)$
(13, 7, 182)
Ans
X 1. $(5,8,184)$
X 2. $(6,13,234)$

- 3. $(10,5,100)$
$\times 4 .(3,4,45)$
Q. 4 Select the correct mirror image of the given figure, when the mirror is placed at line MN as shown.


Ans

$\times 3$.

$\times 4$

Q. 5 In a certain code language, 'COUNTY' is written as 'ULCYGN' and 'FOREST' is written as 'RLFTHE'. How will 'MARGIN' be written in that language?

Ans

- 1. RJMDSZ

2. ZMTPRH
3. ZMMRGI
4. RZMNRG
Q. 6 Six students Meera, Jigyasa, Tarun, Naina, Shambhavi and Avni are sitting around a circular table facing the centre (not necessarily in the same order). Shambhavi is an immediate neighbour of both Jigyasa and Avni. Tarun is sitting third to the left of Jigyasa. Meera is sitting second to the right of Avni. Who is sitting third to the right of Meera?
Ans
5. Avni
6. Naina

X 3. Jigyasa
4. Shambhavi
Q. 7 Shilpa goes to a park every day for walking. One morning, she started walking from her home and walked 40 km towards the north. Then she turned to the right and walked 60 km . Again, she turned right and walked 40 km . Lastly, she took a left turn and walked 30 km . How far is she from her home?
Ans
X 1.140 km
2. 90 km

X 3.100 km
4. 60 km
Q. 8 Which two mathematical signs should be interchanged to make the given equation correct?
$(75+15) \times 27 \times 1-9 \div 7 \times(135+3)-10 \div(189+63)=434$
Ans $1 .+$ and $\div$
X2. + and -
X $3 . \times$ and +
X $4 . \div$ and -
Q. 9 Select the Venn diagram that best illustrates the relationship between the following classes.
Animals, Cats, Dogs
Ans

$\times 2$.

3.

$\times 4$



Ans

$\checkmark 2$.

$\times 3$.

$\times 4$

Q. 11 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 5 ',




Ans

* 1.2
$\times 2.3$
$\times 3.4$
$\times 4.1$
Q. 12 In a certain code language, 'DOING' is written as 'BQTOV' and 'ZEBRA' is written as 'FAAKB'. How will 'STORM' be written in that language?
Ans
X 1. PETBK

2. MKYTS
3. PRYSK
4. MLNKP
Q. 13 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some shells are pebbles.
All pebbles are rocks.
Conclusions:
I. No shell is a rock.
II. Some shells are rocks.

Ans

1. Only conclusion I follows
2. Neither conclusion I nor II follows
3. Both conclusions I and II follow
4. Only conclusion II follows
Q. 14 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$.

$\checkmark 3$.

4.

Q. 15 Select the figure that will come next in the following figure series.


Ans


Question ID : 26433087072
Option 1 ID : $\mathbf{2 6 4 3 3 0 3 4 1 9 3 1}$
Option 2 ID : 264330341930
Option 3 ID : 264330341929
Option 4 ID : 264330341932
Status: Answered
Chosen Option : 4
Q. 16 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Formal
2. Foreign
3. Forest
4. Forgotten
5. Forge
6. Forlorn

Ans

1. $2,3,5,4,6,1$
2. 2, 3, 6, 1, 5, 4
3. $2,3,4,5,6,1$
4. $2,3,5,6,4,1$
Q. 17 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\because$ ', then what will be the value of the following equation?
13 B 7 A 64 D 4 C 23 = ?
Ans
5. 82
6. 84
(3. 86
7. 76
Q. 18 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.
A $\mathrm{D}_{-} \mathrm{K}_{-} \mathrm{F} \mathrm{A}_{-} \mathrm{L}_{-}$
Ans $\times 1$.DLKLFALD
8. LALKDFDK
9. KLALDKDF
10. FDLAKFDL
Q. 19 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.


Ans

$\times 3$.

$\times 4$

Q. 20 Town Q is to the north of Town P . Town R is to the west of Town Q . Town S is to the north of Town R. Town $T$ is to the east of Town $S$. What is the position of Town $T$ with respect to Town R? (All positions are arranged in GRID pattern).

Ans
X 1. East
$X$ 2. South

- 3. North-east

X 4. South-east
Q. 21 In a certain code language, 'FRIGHT' is written as 'FOCQED' and 'SHREDS' is written as 'OEPPAB'. How will 'UPSETS' be written in that language?
Ans

1. PMRSQB
2. PMROQB
3. PMRPQB
4. PMSPQB
Q. 22 A paper is folded and cut as shown. How will it appear when unfolded?


Ans
X 2


- 3. 


$\times 4$


Question ID : 26433068428
Option 1 ID : 264330268224
Option 2 ID : 264330268227
Option 3 ID : 264330268225
Option 4 ID : 264330268226
Q. 23 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(11,33,17),(18,44,21)$
Ans
X 1. $(7,32,9)$
X 2. $(12,40,18)$
3. $(16,43,22)$
$\times 4 .(15,34,19)$
Q. 24 Which of the following numbers will replace the question mark (?) in the given series?

90, 110, 132, ? , 182
Ans

1. 156
2. 169
3. 148
4. 146
Q. 25 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(13,104,16),(9,63,14)$
Ans
5. $(23,204,26)$
6. $(8,60,15)$
7. $(12,85,15)$
8. $(10,92,17)$
Q. 26 Which of the following numbers will replace the question mark (?) in the given series? 18, 27, 31, 43, 44, 59, 57, ?

Ans
X 1.82
2. 74
3. 83
4. 75

Question ID : 26433067869
Option 1 ID : 264330265989
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 6 5 9 9 0}$
Option 3 ID : 264330265991
Option 4 ID : 264330265988
Status: Answered
Chosen Option : 4
Q. 27 Which letter-cluster will complete the given series? BHERZ, DGHTX, FFKVV,

Ans
X 1. HENWT
2. GGNXU
3. HGMWU
4. HENXT
Q. 28 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Nun : Convent :: King : ?
Ans

1. Palace

X 2. Cottage
X 3. Prison
4. Monastery
Q. 29 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Authority
2.Automate
3.Authentic
4.Auspicious
5.Aureole

Ans

1. $4,5,3,1,2$
2. $5,3,4,1,2$
3. $5,4,3,1$, 2
4. $3,4,5,1,2$
Q. 30 Seven friends, A, B, C, D, E, F and G, are sitting around a circular table facing the centre (not necessarily in the same order). $D$ is an immediate neighbour of $B$ and $C$. $A$ is sitting third to the right of $C$. $E$ is an immediate neighbour of $A$ and $F$. $G$ is sitting immediate left of $C$. $B$ is sitting third to the right of $G$. What is the position of $G$ with respect to $A$ when counted from the right side of $A$ ?
Ans
5. Third to the right
6. Second to the right
7. Third to the left
8. Second to the left
Q. 31 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.
Ans
9. KNJZ
10. FIEU
11. MJLO
12. SVRH
Q. 32 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans

1. MRVY
2. GLPS
3. NSWZ
4. TGQJ

Question ID : 264330145344
Option 1 ID : 264330569631
Option 2 ID : 264330569632
Option 3 ID : 264330569634
Option 4 ID : 264330569633
Q. 33 Which two numbers (not digits) should be interchanged to make the given equation correct?
$(18 \times 2)-24+10 \times 160 \div 16+(10 \times 4)=170$
Ans

1. 2 and 24
2. 2 and 4
3. 24 and 18
4. 16 and 18
Q. 34 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(15, 21, 66)
(9, 17, 44)
Ans
人1. $(2,4,12)$
5. $(5,37,52)$

X $3 .(7,9,86)$
4. $(11,13,35)$
Q. 35 Which two signs should be interchanged to make the given equation correct?
$13+145 \div 29 \times 52-11=106$
Ans
$\times 1$. - and $\times$
2. $x$ and +

X $3 . \div$ and -
(4. $\div$ and +
Q. 36 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?

| R | 3 | A | $\square$ | 9 | R | 3 | F | $\hat{\psi}$ | $\square$ | A | 3 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | F | 9 | 3 | F | $\hat{\star}$ | S | O | A | F | O | 9 | ? |
| $\square$ | $\hat{z}$ | S | S | O | A | $\square$ | 9 | R | R | S | $\hat{z}$ |  |

Ans

$\times 1 .$| F | S | 9 |
| :--- | :--- | :--- |
| R | A | $\hat{\mathrm{F}}$ |
| $\square$ | O | 3 |


Q. 37 If $M$ denotes ' - ', $N$ denotes ' $\div$ ', $O$ denotes ' $x$ ', and $P$ denotes ' + ', then what will come in place of '?' in the following equation?
255 N 5 O 4 P 16 O 3 M 29 = ?
Ans

1. 223
2. 216
3. 211
4. 230

Question ID : 26433057631
Option 1 ID : 264330225508
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 2 5 5 0 9}$
Option 3 ID : 264330225511
Option 4 ID : 264330225510
Status: Answered
Chosen Option : 1
Q. 38 PRO 5' is related to 'OSQ 15' in a certain way. In the same way, 'OPO 10' is related to 'NQQ 30'. Which of the following is related to 'MAC 9' using the same logic?
Ans

1. NZA 3
2. OZA 3

X 3. NZB 3
X4. NZA 27
Q. 39 ' $M$ \$ K' means ' $M$ is the mother of $K$ '. ' $M$ \# K' means ' $M$ is the father of $K$ '.
' $M$ @ $K$ ' means ' $M$ is the husband of $K$ '.
'M\% K' means ' $M$ is the daughter of $K$ '.
If $A \$ C @ R$, then how is $R$ related to $A$ ?
Ans

1. Husband's father
2. Mother
3. Son's wife
4. Daughter
Q. 40 If ' + ' means 'divided by', ‘-' means 'added to', ' $x$ ' means 'subtracted from' and ' $\div$ ', means 'multiplied by', then what will be the value of the following expression?
$[\{(25 \times 13)-(3 \div 3)\}+(3-4)] \div 5$
Ans
$\times 1.20$
X2. 10

- 3.15
$\times 4.5$

Question ID : 264330130377
Option 1 ID : 264330510622
Option 2 ID : 264330510620
Option 3 ID : 264330510621
Option 4 ID : 264330510619
Status: Not Attempted and
Marked For Review
Chosen Option : --
Q. 41 Which of the following numbers will replace the question mark (?) and complete the given number series?
15, $19,21,25,27$, ?
Ans

1. 31
2. 32
$\times 3.29$
3. 30

Question ID : 26433067479
Option 1 ID : 264330264429
Option 2 ID : 264330264431
Option 3 ID : $\mathbf{2 6 4 3 3 0 2 6 4 4 3 0}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 6 4 4 2 8 ~}$
Q. 42 Which letter-cluster will replace the question mark (?) to complete the given series? MMNO, OKPM, ?, SGTI, UEVG
Ans
X 1. POKI
2. QRIL
3. QIRK
4. PQIJ
Q. 43 In a certain code language, 'OIL' is coded as 27 and 'CREAM' is coded as 125 . How will 'POWDER' be coded in the same language?

Ans

1. 225
2. 216
3. 198
4. 169

Question ID : 264330132210
Option 1 ID : 264330517938
Option 2 ID : 264330517937
Option 3 ID : 264330517936
Option 4 ID : 264330517935
Status. Not Attempted and Marked For Review
Q. 44 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
Some cakes are biscuits.
Some biscuits are chocolates.
Conclusions:
I. Some biscuits are cakes.
II. Some cakes are chocolates.

Ans $\quad$ 1. Both the conclusions follow
2. Only conclusion II follows
3. Neither conclusion I nor II follows
4. Only conclusion I follows
Q. 45 If I denotes ' $\div$ ', $J$ denotes ' $x$ ', $K$ denotes ' - ' and $L$ denotes ' + ', then what will come in place of '?' in the following equation?
(35 I 5) J 9 K 23 L 39 K (3 J 8) = ?
Ans

1. 60
2. 59
3. 51
4. 55
Q. 46 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


1
2
3
4
Ans


Question ID : 26433087307
Option 1 ID : 264330342867
Option 2 ID : 264330342866
Option 3 ID : 264330342865
Option 4 ID : 264330342868
Q.47 A @ B means ' $A$ is the husband of $B$ '
$A \& B$ means ' $A$ is the mother of $B$ '
A \# B means ' $A$ is the daughter of $B$ '
If $\mathbf{Q}$ @ $M$ \& $Y$ @ $J$ \# R \& $Z$, then how is $Y$ related to $Z$ ?
Ans
X 1. Brother's wife
X 2. Father's sister
3. Sister's husband

X4. Father

Question ID : 264330126024
Option 1 ID : 264330493768
Option 2 ID : 264330493769
Option 3 ID : 264330493771
Option 4 ID : 264330493770
Q. 48 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

$\times 2$.

$\times 3$.

$\times 4$.


Question ID : 264330103002
Option 1 ID : 264330404399
Option 2 ID : 264330404398
Option 3 ID : 264330404397
Option 4 ID : 264330404400
Q. 49 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).


Ans
$\times 1 . \square$
$\times 2$.

$\times 3$.

4.

Q. 50 In a certain code language, 'HIGHLY' is written as 'GRHYOH' and 'CLEVER' is written as 'EOCRVV'. How will 'HORROR' be written in that language?
Ans
X 1. JRLPDB
2. RLHRLR

X 3.JPRDER
4.RKJPED

[^1]Q. 1 In India, which of the following modes of transportation reduces trans-shipment losses and delays in supply of petroleum and gas?

Ans

1. Pipeline
2. Roadways
3. Railways
4. Waterways

Question ID : 264330132720
Option 1 ID : 264330519978
Option 2 ID : 264330519977
Option 3 ID : 264330519975
Option 4 ID : 264330519976 Status: Answered
Q. 2 From which country has the concept of Martial Law, which restricts Fundamental rights, borrowed?

Ans

1. The UK
2. The USSR
3. China
4. Japan
Q. 3 Copacabana beach is situated in $\qquad$ -.
Ans
X 1. Peru
5. Australia

X 3. Mexico
4. Brazil

Question ID : 26433054947
Option 1 ID : 264330214774
Option 2 ID : 264330214772
Option 3 ID : 264330214775
Option 4 ID : 264330214773
Q. 4 Which of the following is the most widely used method for refining impure metals?

Ans $\times 1$. Vapour-Phase Refining
2. Poling Refining
3. Electrolytic Refining
4. Liquidation Refining

## Q. 5 Which of the following is the correct statement?

Ans

1. Joule is the unit of work
$X$ 2. The unit of energy is the watt.
$X$ 3. Joule/ second is also a unit of energy.
$X 4$. The unit of power is joule/newton.

Question ID : 264330111860
Option 1 ID : 264330439527
Option 2 ID : 264330439526
Option 3 ID : 264330439528
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 3 9 5 2 5}$ Status : Answered

Chosen Option : 1
Q. 6 Which of the following microfinance institutions was established in India at the time of independence?
Ans

1. Joint Liability Group
2. Rural Cooperatives
3. Self Help Group
4. Grameen Model Bank
Q. 7 'The Race of my Life' is the autobiography of which of the following sportsmen?

Ans
X 1. PT Usha
2. Mary Kom
3. Milkha Singh
4. Saurav Ganguly
Q. 8 Which of the following has been INCORRECTLY listed as a condition for becoming a citizen of India?
Ans

1. Citizenship by birth
2. Citizenship by naturalisation
3. Citizenship through acquisition of property
4. Citizenship by descent
Q. 9 Which British scientist is known for developing the principle of holography in 1947 to improve the resolution of the electron microscope?

Ans

1. Werner Heisenberg
2. Lloyd Cross
3. Dennis Gabor
4. Charles Towns

Question ID : 264330141668
Option 1 ID : 264330554994
Option 2 ID : 264330554993
Option 3 ID : 264330554992
Option 4 ID : 264330554991
Q. 10 The 'Tripartite struggle' was between Gurjara Pratiharas in North India, Palas in Eastern India and $\qquad$ in South India.

Ans
X 1. Marathas
2. Rashtrakutas
3. Cholas
4. Cheras
Q. 11 Who is the author of the novel 'The Moor's Last Sigh'?

Ans
X 1. VS Naipaul
X 2. John Keay
X 3. Kiran Doshi
4. Salman Rushdie

Question ID : 264330145174
Option 1 ID : 264330568951
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 5 3}$
Option 3 ID : 264330568954
Option 4 ID : 264330568952
Q. 12 Which of the following dances is based on Rasleela themes of Radha and Krishna?

Ans

1. Manipuri dance
2. Sattriya dance
3. Mohiniyattam
4. Kathak
Q. 13 Who among the following was the last Mauryan ruler and was killed by his commander-in-chief?

Ans

1. Shatadhanvan
2. Bindusara
3. Brihadratha
4. Dashratha

Question ID : 264330165558
Option 1 ID : 264330649314
Option 2 ID : 264330649312
Option 3 ID : 264330649313
Option 4 ID : 264330649311
Status: Not Attempted and
Chosen Option : --
Q. 14 Which writ is issued when the court finds that there is unlawful arrest of a person?

Ans
$\times 1$. Prohibition
2. Mandamus
3. Quo warranto
4. Habeas corpus
Q. 15 Who among the following founded an expatriate Communist Party of India at Tashkent in 1920?
Ans
X 1. PC Joshi
X 2. Shripad Amrut Dange
X 3. Jolly Kaul
4. MN Roy
Q. 16 Which of the following statements is correct?

Ans $\times 1$. The transport of male gametes in Gymnosperms occurs through water.
2. The transport of male gametes in bryophytes and pteridophytes occurs through
water.
X 3. The transport of male gametes in bryophytes and pteridophytes occurs through air.
4. The transport of male gametes in angiosperms occurs through water.

Question ID : 26433089668
Option 1 ID : 264330352173
Option 2 ID : 264330352176
Option 3 ID : 264330352175
Option 4 ID : 264330352174 Status : Not Attempted and

Marked For Review
Chosen Option : --
Q. 17 Which Union Territory recorded the highest male literacy rate, according to the 2011 Census?

Ans

1. Daman and Diu
2. Delhi
3. Andaman and Nicobar Islands
4. Lakshadweep
Q. 18 Pandit Ravi Shankar popularised which instrument in particular all over the world?

Ans

1. Sitar
2. Tabla
3. Veena
4. Harmonium
Q. 19 According to the Census of India 2011, which metropolitan city has the highest population?

Ans

1. Mumbai
2. Kolkata
3. Chennai
4. Patna

Question ID : 264330166806
Option 1 ID : 264330654259
Option 2 ID : 264330654261
Option 3 ID : 264330654260
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 5 4 2 6 2}$ Status: Answered
Chosen Option : 1
Q. 20 Ker and Garia Puja are traditional tribal festivals of which state?

Ans

1. Jharkhand
2. Manipur
3. Odisha
4. Tripura

Question ID : 264330164806
Option 1 ID : 264330646351
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 5 4}$
Option 3 ID : 264330646352
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 5 3}$
Status:
Not Attempted and Marked For Review
Q. 21 Which company has been given the responsibility of construction, operation and maintenance of the Hazira-Vijaipur-Jagdishpur (HVJ) pipeline project?
Ans

1. TATA Petrodyne Limited (TPL)
2. Oil and Natural Gas Corporation (ONGC)
3. Gas Authority of India (GAIL)
4. Reliance Industries Limited (RIL)
Q. 22 Mawsynram, the place that receives the highest rainfall in the world, is situated in which hills?

Ans

1. Patkai Hills
2. Mishmi Hills
3. Rajmahal Hills
4. Khasi Hills
Q. 23 Which of the following organisations was founded in Poona, Satara and other towns of Maharashtra that worked against Brahmanical orthodoxy and tried to reform Hinduism?

Ans
X 1. Brahmo Samaj
2. Paramahansa Mandali
3. Ramakrishna Mission
4. Arya Samaj
Q. 24 In 1784, who discovered the composition of water through his experiment with hydrogen and oxygen?
Ans

1. Henry Cavendish
2. Herbert C Brown
3. Joseph Priestley
4. John Dalton
Q. 25 Under which strata do trees fall?

Ans
X 1. Second vertical
2. Top vertical

X 3. Middle vertical
4. Bottom vertical

Question ID : 264330145214
Option 1 ID : 264330569112
Option 2 ID : 264330569111
Option 3 ID : 264330569113
Option 4 ID : 264330569114
Status:
Not Attempted and Marked For Review
Chosen Option: --
Q. 26 The fundamental duties were added in the Indian Constitution on the recommendation of the:

Ans
X 1. Balwant Rai Mehta Committee
2. Bibek Debroy Committee
3. LM Singhvi Committee
4. Sardar Swaran Singh Committee
Q. 27 Which of the following is the correct formula for moment of inertia?

Ans

- $1 . I=m r^{2}$

2. $1=r m^{2}$
$3.1=m / r^{2}$
3. $1=2 m r$

Question ID : 264330111862
Option 1 ID : 264330439534
Option 2 ID : 264330439536
Option 3 ID : 264330439533
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 3 9 5 3 5}$
Q. 28 Which of the following Articles of the Indian Constitution deals with the relationship between the Prime Minister and the President?
Ans

1. Article 45
2. Article 25
3. Article 35
4. Article 75
Q. 29 India's rank in Tokyo Olympic 2020 is:

Ans
$\times 1.49$
2.48
$\times 3.47$
$\times 4.46$

Question ID : 264330109684
Option 1 ID : 264330431016
Option 2 ID : 264330431015
Option 3 ID : 264330431014
Option 4 ID : 264330431013
Status:
Not Attempted and Marked For Review
Chosen Option :--
Q. 30 In which of the following years was the Muslim League formed?

Ans
X 1.1915
X2. 1909

* 3.1906

X 4.1912

Question ID : 264330112345
Option 1 ID : 264330441465
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 1 4 6 7}$
Option 3 ID : 264330441468
Option 4 ID : 264330441466 Status: Answered
Chosen Option: $\mathbf{2}$
Q. 31 The Chambal, Hindon and Tons rivers are tributaries of the river:

Ans

1. Yamuna
2. Mahanadi
3. Kaveri
4. Tapi

Question ID : 264330169992
Option 1 ID : 264330666643
Option 2 ID : 264330666645
Option 3 ID : 264330666644
Option 4 ID : 264330666646
Q. 32 Prabhat Sarma, a recipient of Sangeet Natak Akademi Award, was a $\qquad$ player from Assam

Ans
X 1. Ghatam
2. Flute
3. Tabla
4. sarangi

Question ID : 264330145158
Option 1 ID : 264330568890
Option 2 ID : 264330568887
Option 3 ID : 264330568889
Option 4 ID : 264330568888
Status: Not Attempted and
Chosen Option : --
Q. 33 Mehrangarh fort is located in which of the following cities?

Ans
X 1. Jaipur
2. Kota
3. Jodhpur

X4. Bikaner
Q. 34 During a game of hockey, following an offence, if a player is shown a yellow card then he will be sent off the pitch for $\qquad$ -.
Ans
1.5 minutes
2. 6 minutes
3. 4 minutes
4. 3 minutes
Q. 35 Trade liberalisation has helped India improve its $\qquad$ in industries with medium-to-high technology content.

Ans

1. imports
2. fuel efficiency
3. labour intensity
4. comparative advantage

Question ID : 26433064580
Option 1 ID : 264330252912
Option 2 ID : 264330252915
Option 3 ID : 264330252913
Option 4 ID : 264330252914 Status: Answered
Q. 36 Which of the following five-year plan addressed the issue of removal of poverty as a chief objective for the first time?

Ans
X 1. Fourth Five-year Plan
2. Third Five-year Plan
3. Sixth Five-year Plan
4. Fifth Five-year Plan
Q. 37 Which of the following was the first B vitamin discovered in 1897 that is essential in amino acid and carbohydrate metabolism and is active in energy production reactions?
Ans
$\times 1$. Biotin
X 2. Riboflavin
3. Thiamine
4. Folate
Q. 38 Identify the cultural festival on the basis of given clues:
i) This festival brings together craftsmen like potters, embroiderers, weavers, wood carvers, metal workers, stone smiths and painters from all over India on one platform in Haryana.
ii) This crafts mela is held in February every year and provides a glimpse of the state's cultural heritage and recent achievements.
Ans

1. Kapil Muni Fair
2. Shamlaji Fair

X 3. Chitra Vichitra Fair
4. Surajkund Mela

Question ID : 26433054217
Option 1 ID : 264330211853
Option 2 ID : 264330211852
Option 3 ID: 264330211855
Option 4 ID : 264330211854
Q. 39 The duration of the $12^{\text {th }}$ five year plan was from $\qquad$ to $\qquad$ .

Ans

1. 2012-2017
2. 1987-1992

- 3. 2007-2012

4. 1990-1995
Q.40 Manisha Kalyan is associated with which of the following sports events?

Ans

1. Football
2. Hockey
3. Cricket
4. Chess

Question ID : 264330109689
Option 1 ID : 264330431033
Option 2 ID : 264330431034
Option 3 ID : 264330431035
Option 4 ID : 264330431036
Q. 41 A Governor shall, notwithstanding the expiration of his term, continue to hold office until $\qquad$
Ans

1. the President's consent
2. the Legislative Secretary takes charge
3. his/her successor enters his/her office
4. he/she has aid and advice of the Chief Minister

Question ID : 264330145265
Option 1 ID : 264330569316
Option 2 ID : 264330569315
Option 3 ID : 264330569318
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 9 3 1 7}$ Status: Answered
Chosen Option: 1
Q. 42 A government budget shows a primary deficit of $₹ 6,900$ crore. The revenue expenditure on interest payment is ₹ 400 crore. Fiscal deficit is equal to:

Ans
X 1. ₹6,500 crore
2. ₹ 7,300 crore

X 3. ₹7,100 crore
X 4 . ₹ 6,900 crore
Q. 43 The office of Diwan-i-Insha dealt with which affair in administration?

Ans

1. State correspondence
2. Military

X 3. Finance
4. Religious affairs
Q. 44 The earth's perihelion occurs in:

Ans
X 1. July
2. October
3. January
4. September
Q. 45 Guru Bipin Singh, who received the honour of Sangeet Natak Akademi Award in 1966 and the Kalidas Samman by Madhya Pradesh Government, was an exponent of which of the following Indian classical dance forms?
Ans
X 1. Odissi
2. Manipuri

X 3. Kuchipudi
X4. Kathak
Q. 46 Who among the following was the youngest recipient of the Padma Vibhushan award in dance in 1984?

Ans

1. Birju Maharaj
2. Rajendra Gangani
3. Abhimanyu Lal
4. Ehshan Hilal
Q. 47 When was the Indian Meteorological Department, Which collects data on temperature, rainfall, wind, etc., and makes weather forecasts, established by the Government of India?

Ans
< 1.1879
2. 1876

- 3.1875

X4. 1873
Q. 48 What is the percentage of proteins in the cell membrane?

Ans
X $1.60-80 \%$
X 2.80-100\%
X 3. 20-40\%
4. 40-60\%

Question ID : 26433086610
Option 1 ID : 264330340083
Option 2 ID : 264330340084
Option 3 ID : 264330340081
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 4 0 0 8 2}$ Status : Answered

Chosen Option : 4
Q. 49 Syed Modi India International is organised in which sporting event?

Ans

1. Kabaddi
2. Volleyball
3. Chess
4. Badminton

Question ID: 264330119247
Option 1 ID : 264330467278
Option 2 ID : 264330467275
Option 3 ID : 264330467277
Option 4 ID : 264330467276 Status: Not Attempted and Marked For Review

Chosen Option : --
Q. 50 Which dance form of Goa is also known as the 'Warrior Dance'?

Ans
X 1 . Bihu
X 2. Lavani
3. Ghode Modni

X4. Rauf

Question ID : 26433092388
Option 1 ID : 264330362841
Option 2 ID : 264330362844
Option 3 ID : 264330362842
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 6 2 8 4 3}$

[^2]Q. 1 Sukhvir purchased some perishable items for sale but $30 \%$ of those items could not be sold and went bad. However, Sukhvir managed to sell the rest of the items at a price that helped him earn an overall profit of $19 \%$. At what percentage above the cost price of each item purchased by Sukhvir did he sell each of the items that did not go bad?

Ans
X1. $49 \%$
2. $70 \%$
$\times 3.63 \%$
X4. 75\%
Q. 2 An item with a marked price of ₹ 1,940 was sold at a discount of $15 \%$. At what price (in ₹) was the item sold?
Ans

1. 1659
2. 1639
3. 1649

X4. 1654
Q. 3 A hostel mess requires 217 eggs for a week. How many eggs will it require in total for the months of July, August and September?
Ans
(1.2821
2. 2883
3. 2852
4. 2790
Q. 4 Find the greatest number which when divides 261,853 and 1221, leaves a remainder of 5 in each case.

Ans

- 1.19

2. 18
3. 17
4. 16

Question ID : 26433073062
Option 1 ID : 264330286443
Option 2 ID : 264330286442
Option 3 ID : 264330286441
Option 4 ID : 264330286440
Q. 5 Study the given pie-chart and answer the question that follows.

The pie-chart shows total expenditure of $₹ 3,00,00,000$ on different items for constructing a flat in a town.


The percentage of the total expenditure on Labour and Timber is:
Ans

1. $30 \frac{5}{9} \%$
2. $30 \frac{1}{3} \%$
$\times 3.30 \frac{1}{9} \%$
$\times 4.30 \frac{7}{9} \%$
Q. 6 What is the number of valid votes cast in favour of a candidate in an election, if the candidate received $75 \%$ of the total valid votes, and $5 \%$ of the total votes were declared invalid, given that the total number of voters was $1,46,000$ ?
Ans
X 1.1,06,650
X 2. 1,10,250
3. $1,04,025$

X4.1,08,850
Q. 7 A conical shape vessel has a radius of 21 cm and has a slant height of $\mathbf{2 5} \mathbf{~ c m}$. If the curved part of the vessel is to be painted white, find the cost (in ₹) of painting at the rate of ₹ 1.5 per $\mathrm{cm}^{2}$.
Ans

- 1.2475

2. 1650

- 3.825

4. 1250
Q. 8 P and Q can do a work together in 30 days. $Q$ and $R$ can do the same work together in 24 days and $R$ and $P$ together in 20 days. They started the work together, but $Q$ and $R$ left after 10 days. How many more days will $P$ take to finish the remaining work?
Ans
5. 23
6. 21
7. 18
(4. 19
Q. 9 Find the greatest possible length (in metres) that can be used to exactly measure the lengths $\mathbf{6 m , 5 m 2 5 c m}$ and 12 m 50 cm .

Ans

1. 0.25 m
2. 0.75 m
3. 0.90 m
4. 0.35 m

Question ID : 26433073063
Option 1 ID : 264330286447
Option 2 ID : 264330286445
Option 3 ID : 264330286444
Option 4 ID : 264330286446
Status: Not Attempted and
Chosen Option : --
Q. 10 In a village election, Sharuk got $80 \%$ of the total valid votes. $10 \%$ of the votes were invalid. If the total number of votes was 4500 , then find the number of valid votes the other candidate got.
Ans
X 1.620
X2. 450
$\times 3.530$
4. 810
Q. 11 What will be the difference between the total surface area and the curved surface area of a hemisphere having 4 cm diameter?

Ans
(1.5m cm ${ }^{2}$
2. $8 \pi \mathrm{~cm}^{2}$
3. $4 \pi \mathrm{~cm}^{2}$
4. $4.4 \pi \mathrm{~cm}^{2}$
Q. 12 A can do a piece of work in 8 days, while $B$ can do it in 7 days. If they work at it alternately beginning with $A$, then in how many days will the work be completed?

Ans

1. 8
2. $8 \frac{1}{2}$
. $7 \frac{1}{2}$
3. 7
Q. 13 The cost of painting the total surface area of a 30 m high solid right circular cylinder at the rate of ₹ 25 per $^{2}$ is $₹ 18,425$. What is the volume (in $\mathrm{m}^{3}$ ) of this cylinder [use $\pi=\frac{22}{7}$ ]?

Ans
$\times 1.1145$
2. 1210
3. 1155
4. 1122
Q. 14 What is the length (in cm ) of the transverse common tangent between two circles with radii 6 cm and 4 cm , given that the distance between their centres is 14 cm ?
Ans

1. $2 \sqrt{6}$
2. $4 \sqrt{6}$
3. $5 \sqrt{6}$

X4. $3 \sqrt{6}$
Q. 15 The value of $\left(1+\sin ^{4} A-\cos ^{4} A\right) \operatorname{cosec}^{2} A$ is:

Ans
X $1 .-2$
2. 2
$\times 3.1$
4. -1
Q. 16 The table given below shows the number of products sold by 4 shopkeepers $\mathrm{A}, \mathrm{B}, \mathrm{C}$ and D on four different days.

| Days | A | B | C | D |
| :--- | :--- | :--- | :--- | :--- |
| Monday | 1000 | 800 | - | 750 |
| Tuesday | 500 | - | 900 | 650 |
| Wednesday | 800 | 1000 | 700 | - |
| Thursday | - | 1200 | 800 | 900 |

If the total products sold by A and B, including all four days, is 3000 and 3500 , respectively, the products sold by B on Tuesday is how many more or less than the products sold by A on Thursday?

Ans
X 1. 300 more
2. 200 less
3. 200 more
4. 300 less
Q. 17 If an amount of ₹ 80 becomes ₹ 96 in 2 years in a bank account which gives simple annual interest, then an amount of $₹ 62,000$ will become $\qquad$ in the same account after 5 years.
Ans
X 1 . ₹88,200
X 2. ₹84,600
X 3. ₹82,400
4. ₹93,000
Q. 18

If $a \propto b, b \propto \frac{1}{c}$ and $c \propto d$, then the relation between $a$ and $d$ is:
Ans

1. $a \propto \frac{1}{d}$
2. $a \propto d$
3. $a \propto d^{2}$
4. $a \propto \sqrt{d}$

Question ID : 264330145072
Option 1 ID : 264330568544
Option 2 ID : 264330568543
Option 3 ID : 264330568545
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 5 4 6}$
Status : Answered
Chosen Option : 1
Q. 19 Study the given table and answer the question that follows.

The table shows the production of five types of cars $P, Q, R, S$ and $T$ by a company from the year 1989 to 1994.

| Type of <br> Car | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| P | 8 | 20 | 16 | 17 | 21 | 6 | 88 |
| Q | 16 | 10 | 14 | 12 | 12 | 14 | 78 |
| R | 21 | 17 | 16 | 15 | 13 | 8 | 90 |
| S | 4 | 6 | 10 | 16 | 20 | 31 | 87 |
| T | 25 | 18 | 19 | 30 | 14 | 27 | 133 |
| Total | 74 | 71 | 75 | 90 | 80 | 86 | 476 |

During the period 1989-94, which type of car featured a continuous increase in production?

Ans
1.S
2. Q
3. R
4. P
Q. 20 Evaluate $6.9-[8.6-\{6.5-(5.4-\overline{4.3-2})\}]$.

Ans
X 1.1 .8
2. 1.9
3. 1.6
4. 1.7
Q.21 A thief is noticed by a policeman from a distance of 300 m . The thief starts running and the policeman starts chasing him. The thief and policeman run at the rate of $11 \mathrm{~km} / \mathrm{h}$ and $13 \mathrm{~km} / \mathrm{h}$, respectively. After running for how many kilometres will the policeman be able to catch the thief?

Ans
$\times 1.1 .65$
X2. 1.85
$\times 3.1 .75$
4. 1.95

Question ID : 26433082987
Option 1 ID : 264330325781
Option 2 ID : 264330325783
Option 3 ID : 264330325782
Option 4 ID : 264330325784
Status: Not Attempted and Marked For Review

Chosen Option : -
Q. 22 A sum of $₹ 1,00,000$ was taken from a bank at the rate of $7 \% \mathrm{p} . \mathrm{a}$ to be compounded annually for 5 years. Calculate the compound interest. (Closest to a ₹)

Ans

1. ₹40,000
2. ₹ 20,963
3. ₹ 40,567
4. ₹ 40,255
Q. 23 The curved surface area of a cone whose base radius is $\mathbf{7 c m}$ and slant height is 10 cm is:
Ans
$\times 1.280 \mathrm{~cm}^{2}$
X2. $250 \mathrm{~cm}^{2}$
X $3.300 \mathrm{~cm}^{2}$

- $4.220 \mathrm{~cm}^{2}$
Q. 24 A sector of a circle has a central angle of $45^{\circ}$ and an arc length of 22 cm .

Find the radius of the circle. (Use $\pi=\frac{22}{7}$.)
Ans
$\times 1.32 \mathrm{~cm}$
2. 35 cm
3. 28 cm
4.36 cm

Question ID : 264330163481
Option 1 ID : 264330641185
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 1 1 8 3}$
Option 3 ID : 264330641184
Option 4 ID : 264330641186
Q. 25 The least common multiple of 210, 336 and 504 is :

Ans

1. 5040
2. 3360
3. 2100
4. 4560

Question ID : 26433066160
Option 1 ID : 264330259173
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 5 9 1 7 2}$
Option 3 ID : 264330259174
Option 4 ID : 264330259175
Q. 26

The LCM of $\frac{1}{3}, \frac{3}{5}, \frac{4}{7}$ and $\frac{9}{16}$ is:
Ans

1. 36
$\times 2.49$
X 3.38
2. 81
Q. 27 Study the given table and answer the question that follows.

The table shows the number of students doing various courses in various cities.

| City | MBA | MCA | M.Sc. | M.Com. | M.A. | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Ahmedabad | 1234 | 1384 | 1440 | 1289 | 1332 | 6679 |
| Bengaluru | 1156 | 1783 | 1874 | 1003 | 1340 | 7156 |
| Bhopal | 1187 | 1347 | 1532 | 1321 | 1486 | 6873 |
| Chennai | 1342 | 1473 | 1129 | 1765 | 1666 | 7375 |
| New Delhi | 1230 | 1098 | 1128 | 1865 | 1777 | 7098 |
| Hyderabad | 1456 | 1234 | 1556 | 1653 | 1789 | 7688 |
| Kolkata | 1239 | 1785 | 1865 | 1504 | 1762 | 8155 |

In Chennai, the number of students in MBA is nearly what percentage of students in M.A? (rounded off to 2 digits after decimal)

Ans

1. $76.25 \%$
2. $80.55 \%$
3. $92.12 \%$
4. $99.23 \%$
Q. 28

If $\cos A=\frac{15}{17}, 0 \leq A \leq 90^{\circ}$, then the value of $\cot \left(90^{\circ}-A\right)$ is:
Ans

1. $\frac{8}{15}$
2. $\frac{2 \sqrt{2}}{15}$
3. $\frac{\sqrt{2}}{15}$

X4. $\frac{7}{15}$
Q. 29 Study the given table and answer the question that follows.

The table shows the number of cakes sold by four different bakeries in 4 different months.

| Month |  | August | September | October |
| :--- | :--- | :--- | :--- | :--- |
| Bakery |  |  |  |  |
| P | 250 | 241 | 213 | 168 |
| Q | 175 | 189 | 201 | 122 |
| R | 164 | 145 | 129 | 168 |
| S | 224 | 154 | 184 | 209 |

What is the difference between the total number of cakes sold by bakeries Q and S together in September and the total number of cakes sold by bakeries P and R together in November?

Ans

- 1.7
$\times 2.9$
X 3.10
$\times 4.8$
Q. 30 The volume of a right circular cone having a base diameter of 14 cm is $196 \pi \mathrm{~cm}^{3}$. Find the perpendicular height of this cone
Ans
<1. 10 cm
2.12 cm
$\times 3.14 \mathrm{~cm}$
$\times 4.8 \mathrm{~cm}$
Q. 31

Find the LCM of $\frac{3}{2}, \frac{81}{16}$ and $\frac{9}{8}$.
Ans

1. $\frac{91}{2}$
2. $\frac{81}{2}$

X 3. $\frac{111}{2}$
X4. $\frac{101}{2}$

Question ID : 26433080080
Option 1 ID : 264330314269
Option 2 ID : 264330314268
Option 3 ID: 264330314271
Option 4 ID : 264330314270
Status : Not Attempted and
Chosen Option : --
Q. 32

If $\frac{A}{L}+\frac{M}{B}=1$ and $\frac{B}{M}+\frac{N}{C}=1$, then the value of $\frac{L}{A}+\frac{C}{N}$ is:
Ans
X 1. $\frac{\mathrm{B}}{\mathrm{M}}$
$\times 2.0$
-3. 1
$\times 4 . \frac{\mathrm{M}}{\mathrm{B}}$
Q. 33 The perimeter of a sector of a circle is 24 cm and the radius is 3 cm . Calculate the area (in $\mathrm{cm}^{2}$ ) of the sector.
Ans

1. 24
2. 33
3.27
$\times 4.30$
Q. 34 Study the given table and answer the question that follows.

The table shows the production of five types of cars $P, Q, R, S$ and $T$ by a company from the year 1989 to 1994.

| Type of <br> Car | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| P | 8 | 20 | 16 | 17 | 21 | 6 | 88 |
| Q | 16 | 10 | 14 | 12 | 12 | 14 | 78 |
| R | 21 | 17 | 16 | 15 | 13 | 8 | 90 |
| S | 4 | 6 | 10 | 16 | 20 | 31 | 87 |
| T | 25 | 18 | 19 | 30 | 14 | 27 | 133 |
| Total | 74 | 71 | 75 | 90 | 80 | 86 | 476 |

During the period 1989-94, which type of car featured a continuous decrease in production?

Ans

1. $S$
2. $Q$
3. R
4. T

Question ID : 264330165466
Option 1 ID : 264330648945
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 8 9 4 3}$
Option 3 ID : 264330648944
Option 4 ID : 264330648946
Status : Not Attempted and Marked For Review Chosen Option: --
Q. 35 Find the value of $\frac{\cos 65^{\circ}}{\sin 25^{\circ}}+\frac{5 \sin 19^{\circ}}{\cos 71^{\circ}}-\frac{3 \cos 28^{\circ}}{\sin 62^{\circ}}$.

Ans
X 1.2
2.0
3. 1
4. 3

Question ID : 264330158292
Option 1 ID : 264330620529
Option 2 ID : 264330620527
Option 3 ID : 264330620528
Option 4 ID : 264330620530
Status : Not Attempted and
Marked For Review
Chosen Option : --
Q. 36 Swastik saves $20 \%$ of his income while spends the remaining amount on food, rent, education and shopping. $15 \%$ of the income is spent on food, while $₹ 12,800$ is spent on rent, ₹ 32,000 on education and ₹ 7,200 on shopping. The amount spent on shopping is $11.25 \%$ of the total expenditure. How much money (in ₹) is spent on food?
Ans
-1. 9600
2. 10800
3. 12000
4. 15000
Q. 37 Simplify the given expression.
$\frac{a^{2}-b^{2}-2 b c-c^{2}}{a^{2}+b^{2}+2 a b-c^{2}}$
Ans

1. $\frac{a+b+c}{a-b-c}$
2. $\frac{a-b-c}{a+b-c}$
3. $\frac{a+b-c}{a-b-c}$
4. $\frac{a-b+c}{a+b-c}$
Q. 38 If the marked price is $75 \%$ more than the cost price and a discount of $40 \%$ is allowed on the marked price, then the percentage profit is:

Ans
X 1. 6\%
$\times 2.7 \%$
X 3. $8 \%$

- 4. $5 \%$

Question ID : 264330104505
Option 1 ID : 264330410324
Option 2 ID : 264330410321
Option 3 ID : 264330410322
Option 4 ID : 264330410323
Q. 39 In what ratio must a shopkeeper mix two types of rice worth ₹ 55 per kg and $₹ 70$ per kg , so that the average cost of the mixture is ₹ 65 per kg ?
Ans

1. $1: 2$

X2. 2:3
$\times 3.3: 2$
X4.1:3
Q. 40 What is the value of the given expression?
$\frac{1}{12}+\frac{1}{16}+\frac{1}{8}$
Ans

1. $\frac{13}{48}$
2. $\frac{10}{72}$
3. $\frac{3}{48}$
4. $\frac{13}{18}$

Question ID : 26433063280
Option 1 ID : 264330247773
Option 2 ID : 264330247775
Option 3 ID : 264330247772
Option 4 ID : 264330247774
Status: Answered
Chosen Option : 1
Q. 41 For a triangle $A B C, D$ and $E$ are two points on $A B$ and $A C$ such that $A D=\frac{1}{6} A B$,
$\mathrm{AE}=\frac{1}{6} \mathrm{AC}$. If $\mathrm{BC}=22 \mathrm{~cm}$, then DE is $\qquad$ . (Consider up to two decimals)

Ans
$X 1.1 .33 \mathrm{~cm}$
$\times 2.1 .67 \mathrm{~cm}$

- 3.3 .67 cm
$\times 4.3 .33 \mathrm{~cm}$
Q. 42

Reema runs $\frac{5}{4}$ times as fast as Rekha. In view of this Reema allows Rekha a lead of 50 metres to Rekha in a friendly race competition. What is the distance from the starting point where both Reema and Rekha meet?

Ans

1. 250 m
2. 225 m
3. 200 m
4. 240 m
Q. 43 The given table shows marks obtained by four students in four subjects.

| Subjects <br> Student | Maths <br> $(100)$ | English <br> $(100)$ | Science <br> $(100)$ | Hindi <br> $(100)$ |
| :---: | :---: | :---: | :---: | :---: |
| A | 75 | 80 | 75 | 85 |
| B | 80 | 70 | 70 | 80 |
| C | 70 | 85 | 85 | 75 |
| D | 85 | 75 | 80 | 70 |

The average percentage of marks obtained by all students in Hindi is:
Ans
X 1.77.0\%
$\times 2.77 .6 \%$
X 3.77.8\%
4. $77.5 \%$
Q. 44 If $\cot \theta=\frac{4}{3}, 0<\theta<\frac{\pi}{2}$, and $5 p \cos ^{2} \theta \sin \theta=\cot ^{2} \theta$, then the value of $p$ is:

Ans

1. $\frac{7}{27}$
2. $\frac{125}{27}$
3. $\frac{5}{27}$
4. $\frac{25}{27}$
Q. 45 Train ' $A$ ' requires 15 seconds to cross train ' $B$ ' of length 300 m moving in the opposite direction at a speed of $36 \mathrm{~km} / \mathrm{h}$. Further, train ' $A$ ' requires 30 seconds to cross a 500 m long stationary train ' $C$ '. Find the length (in m) of train ' $A$ '.
Ans
5. 200

X 2. 300
× 3.250
4. 275
Q. 46 If the difference between the selling prices of an article at profits of $10 \%$ and $7 \%$ is ₹6, then the cost price (in ₹) of the article is:
Ans
$\times 1.175$
X2. 150

- 3.200
$\times 4.100$
Q. 47 Study the given pie-chart and answer the question that follows.

The pie-chart shows the National Budget Expenditure in the year 2019.


If ₹ 850 billion were spent in year 2019 for interest on debt and military, then what would have been the total expenditure for that year (in ₹ billion)?

Ans
$\times 1.1,700$
2. 1,300
3. 1,250
4. 1,450
Q. 48 John can do a piece of work alone in 20 days, while Ravi can do the same piece of work alone in 28 days. In how many days can the duo complete the same work if they work together?
Ans

1. $11 \frac{1}{3}$
2. $12 \frac{2}{3}$
3. $11 \frac{2}{3}$

X4. $12 \frac{1}{3}$
Q.49 At a courier shop, the weights of 8 parcels were found to be $1.5 \mathrm{~kg}, 1.25 \mathrm{~kg}, 1.35 \mathrm{~kg}$, $750 \mathrm{gm}, 950 \mathrm{gm}, 0.7 \mathrm{~kg}, 0.4 \mathrm{~kg}$, and 0.5 kg . Find their average weight.
Ans
X 1.875 gm
X2.900gm
3. 925 gm
4. 700 gm
Q. 50 Study the given pie-chart and answer the question that follows.

The pie-chart shows the percentage of 3600 students enrolled in different hobby classes in a school.


The number of students enrolled in Painting classes is approximately what percentage of those enrolled in Singing classes?
Ans
X 1.108\%
2. $83 \%$

X $3.98 \%$
X 4.78\%
Q. 1 Select the option that can be used as a one-word substitute for the given group of words.

Study of science of insects
Ans

- 1. Entomology

2. Anthropology
3. Microbiology
4. Ecology
Q. 2 Select the most appropriate ANTONYM of the given word.

Apathy
Ans $\times 1$. Interruption
2. Ignorance
3. Interest
4. Sincerity
Q. 3 Select the option that can be used as a one-word substitute for the given group of words.

One who settles in another country
Ans
X 1. Resident
2. Immigrant

X 3. Traveller
4. Refugee
Q. 4 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. The Taj Mahal is one of the much popular seven wonders of the world.
Ans
X 1 . No substitution required
X 2. more
X 3. much more
4. most
Q. 5 Select the INCORRECTLY spelt word from the given sentence.

Gandhiji considared untouchability to be one of India's major social ills.
Ans

1. social
2. major
3. considared
4. untouchability

Question ID : 264330164526
Option 1 ID : 264330645298
Option 2 ID : 264330645297
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 5 2 9 5}$
Option 4 ID : 264330645296
Status: Answered
Chosen Option : 3
Q. 6 Select the most appropriate meaning of the given idiom.

Crack someone up
Ans
Х 1. To criticise someone
X 2. To force someone to commit a mistake
X 3. To make someone angry
4. To make someone laugh
Q. 7 Select the most appropriate synonym of the given word. Captivate
Ans
X 1. Study
2. Allure
3. Envelope
4. Arrest

Question ID : 264330102432
Option 1 ID : 264330402176
Option 2 ID : 264330402174
Option 3 ID : 264330402175
Option 4 ID : 264330402173
Status: Not Attempted and
Chosen Option: --
Q. 8 Select the option that can be used as a one-word substitute for the given group of words.

The capacity for being useful for some purpose.
Ans
X1. Gain
2. Utility
< 3. Desirability
4. Aid

Question ID : 26433090451
Option 1 ID : 264330355265
Option 2 ID : 264330355266
Option 3 ID : 264330355268
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 5 5 2 6 7}$
Q. 9 Select the most appropriate ANTONYM of the given word.

Rejoinder
Ans
X 1. Expedite
X 2. Reply
X 3. Ordinary

- 4. Request
Q. 10 Select the sentence that has a spelling error.

A- The art of living is learnt easily by those who are positive and optimistic.
B- We can learn a lot about the art of living by having a peep into the lives of great men.
C- The daily routines of these great men dissiminate that they are different.
D- Their unique lifestyles help us learn certain habits and practices that they followed.
Ans

1. The daily routines of these great men dissiminate that they are different.
2. Their unique lifestyles help us learn certain habits and practices that they followed.
3. We can learn a lot about the art of living by having a peep into the lives of great men.
4. The art of living is learnt easily by those who are positive and optimistic.
Q. 11 Select the correct idiom to replace the underlined segment in the given sentence.

We should ask Emily to join our team. She is as keen as butter.
Ans
X 1. as keen as a bee
2. as keen as mustard

3 3. as keen as salt
4. as keen as sugar
Q. 12 Choose the correct spelling of the underlined word in the given sentence. He has won the medal for the twelth time.
Ans
$\times 1$. Twellth
X 2. Twwelfth
3. Twelfth

X4. Twelth
Q. 13 Select the most appropriate meaning of the given idiom.

What a small world!
Ans
$\times 1$. The world is great.
X 2. What a beautiful place!
X 3 . The world is a village.
4. What a coincidence!
Q. 14 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Payal's father was seen desperately searching for the medicine that can counteract the effect of a venomous snakebite in Parul's left hand.
Ans
X 1. antiseptic
X 2. anti-serum
X 3. remedy
2. antidote

Question ID : 26433070594
Option 1 ID : 264330276840
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 7 6 8 4 2}$
Option 3 ID : 264330276843
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 7 6 8 4 1}$ Status: Answered
Chosen Option : 4
Q. 15 Select the most appropriate ANTONYM of the given word.

Asset
Ans
X 1. Mole
2. Liability

X 3. Wealth
4. Refuge
Q. 16 Select the INCORRECTLY spelt word.

Ans
X 1. Merriment
X 2. Yearn
X 3. Zenith
4. Miniture

Question ID : 26433091838
Option 1 ID : 264330360690
Option 2 ID : 264330360692
Option 3 ID : 264330360691
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 6 0 6 8 9}$ Status : Answered

Chosen Option : 4
Q. 17 Select the most appropriate ANTONYM of the given word.

Placid
Ans

1. Turbulent
2. Pensive
3. Pristine
4. Destined

Question ID : 26433097020
Option 1 ID : 264330380815
Option 2 ID : 264330380816
Option 3 ID : 264330380813
Option 4 ID : 264330380814 Status: Not Attempted and Marked For Review
Chosen Option : --
Q. 18 Choose the most suitable idiom for the given situation.

Ravi has a strong desire to be in college hockey team this year and he is working hard to gain such skills to fulfill his goal of life. He has clearly made up his mind to achieve his target.
Ans
$\times 1$. To rise to the occasion
X 2. To make the cut
3. Set sights on
$\times 4$. To move the goal posts
Q. 19 Select the INCORRECTLY spelt word.

Ans
X 1. Bread
X 2. Pasta
X 3. Noodle
4. Pitza

Question ID : 26433089012
Option 1 ID : 264330349588
Option 2 ID : 264330349586
Option 3 ID : 264330349585
Option 4 ID : 264330349587
Status : Answered
Chosen Option : 4
Q. 20 Identify the sentence that correctly uses the indefinite article.

Ans $\times 1$. There are three cars parked outside: a Mercedes, an Jaguar and a Fiat.
2. There are three cars parked outside: an Mercedes, a Jaguar and a Fiat.
3. There are three cars parked outside: a Mercedes, a Jaguar and a Fiat.
4. There are three cars parked outside: a Mercedes, an Jaguar and an Fiat.

Question ID : 26433059561
Option 1 ID : 264330233094
Option 2 ID : 264330233093
Option 3 ID : 264330233092
Option 4 ID : 264330233095
Q. 21 You are preparing a speech for an upcoming function. Select a synonym for the highlighted word to make it better.

Effective public transportation networks may greatly alleviate traffic congestion and enhance inhabitants' quality of life in general.
Ans
X 1. Amplification
X 2. Diversion
3. Gridlock
4. Laxity
Q. 22 Select the option that can be used as a one-word substitute for the given group of words.

Happening repeatedly
Ans
X 1. Recuperate
2. Recurrent

X 3. Rapport
X 4. Regression
Q. 23 Select the correct idiom that can substitute the italicised group of words in the given sentence.

He really stinks and smells foul after a hard session at the gym.
Ans

1. an old flame
2. an iron will
3. pen and ink
4. lame excuse
Q. 24 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
I wanted to buy a candle holder, / but the store didn't have one. I So, I got a cake.
Ans
5. No error
6. but the store didn't have one

X 3. I wanted to buy a candle holder
X 4. So, I got a cake

## Q. 25 Select the most appropriate idiom to fill in the blank.

All my efforts went in vain. The project on which I was working for the last two months has failed and we are $\qquad$ -
Ans

1. all in the seventh heaven
2. back to square one
3. on the fly
4. around the bend
Q. 26 Select the most appropriate idiom to fill in the blank.

Choosing not to pursue a degree in computer engineering was $\qquad$ , as the market for them is extremely limited nowadays.
Ans
X 1. airy fairy
X 2. a cut above
X 3. an elevator pitch

- 4. a blessing in disguise
Q. 27 Select the option that can be used as a one-word substitute for the given group of words.

A person who believes that God does not exist
Ans

1. Atheist
2. Fanatic
3. Epicurean
4. Hedonistic
Q. 28 Select the most appropriate ANTONYM of the word 'discordant' in the given sentence and choose the correct option.

The sweet melodious symphony of the piano filled the room, transporting the listeners to a world of beauty and emotion.

Ans
X 1. Filled
2. Melodious

X 3. Transporting
4. Emotion

Question ID : 264330163538
Option 1 ID : 264330641408
Option 2 ID : 264330641407
Option 3 ID : 264330641409
Option 4 ID : 264330641410
Status: Not Attempted and Marked For Review

Chosen Option: --
Q. 29 Select the correct option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

He is faster than smarter.
Ans

1. more fast than smart
2. fast than smart

X 3. faster than being smart
4. No substitution
Q. 30 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

You arrived two days ago. By the time you leave, you will have spent nine days here.
Ans
X 1. You arrived two days ago
2. No error
3. By the time you leave

X4. you will have spent nine days here
Q. 31 Select the option that can be used as a one-word substitute for the given group of words.

The study of the human mind
Ans

1. Psychology

X 2. Microbiology
X 3. Epidemiology
X 4. Anthropology
Q. 32 Select the most appropriate option to substitute the underlined segment in the given sentence.

Any sort of unfair conduct is not tolerated in international sports tournaments as it can completely ruin an athlete's career.

Ans

1. straw in the eye
2. hand in the mud
3. foul play
4. red handed
Q. 33 Select the most appropriate ANTONYM of the given word. Denounce
Ans
5. Praise
6. Relieve
7. Criticise
8. Dainty
Q. 34 Select the most appropriate ANTONYM of the given word.

Leniency
Ans

1. Penalty
2. Favour
3. Sternness
4. Discard

Question ID : 264330163374
Option 1 ID : 264330640786
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 8 3}$
Option 3 ID : 264330640785
Option 4 ID : 264330640784
Status: Not Attempted and
Status . Marked For Review
Chosen Option :
Q. 35 Select the most appropriate synonym of the word 'viable' in the given sentence and choose the correct option.

The engineer's design was optimised for efficiency and scalability, with a focus on sustainability.

Ans

1. Efficiency
2. Optimised
3. Scalability
4. Sustainability
Q. 36 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

A Prime Minister of India / will address / the nation today / on the occasion of Independence Day.
Ans

1. A Prime Minister of India
2. the nation today
3. on the occasion of Independence Day
4. will address
Q. 37 Select the most appropriate idiom to fill in the blank.

I think we should $\qquad$ before buying this car.
Ans
X 1. eat like a horse
2. hold our horses
3. stop to change horses
4. get off our high horse

Question ID : 264330163337
Option 1 ID : 264330640647
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 6 5 0}$
Option 3 ID : 264330640648
Option 4 ID : 264330640649
Status: Answered
Chosen Option : 2
Q. 38 Select the correct idiom to substitute the underlined word segment in the following sentence.
She trusted her husband but he stabbed her in the neck when he usurped her inheritance.

Ans

1. stabbed her in the back
2. stabbed her prospects
3. stabbed her with a fork
4. snapped her in the neck
Q. 39 Select the option that can be used as a one-word substitute for the given group of words.
A keeper or custodian of a museum or other collection
Ans
5. Cartographer
6. Calligrapher
7. Curator

X4. Chauffeur
Q. 40 Parts of the following sentence have been given as options. Select the option that contains an error.
Raman ate the cake and exclaimed that it tasted sweetly.
Ans

1. the cake
2. and exclaimed that
3. it tasted sweetly
4. Raman ate

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

South Korea is the most cosmetically (1) $\qquad$ country on Earth. Beauty editors estimate that it is because of the government's heavy investment (2) $\qquad$ industry. It is ahead of its competitors, and its citizens (3) $\qquad$ twice as much on skincare products as consumers in the United States, the UK, and France. Korean shoppers are (4) $\qquad$ the world's most
discerning. Eight out of 10 Korean women in their 20 s and 30 s use an app that (5) $\qquad$ like a cosmetics-specific, to debate the merits of various common ingredients.

SubQuestion No: 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans
X 1. ancient
X 2. primitive
3. advanced

X4. early

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

South Korea is the most cosmetically (1) $\qquad$ country on Earth. Beauty editors estimate that it is because of the government's heavy investment (2) $\qquad$ industry. It is ahead of its competitors, and its citizens (3) $\qquad$ twice as much on skincare products as consumers in the United States, the UK, and France. Korean shoppers are (4) $\qquad$ the world's most
discerning. Eight out of 10 Korean women in their 20s and 30 s use an app that (5) $\qquad$ like a cosmetics-specific, to debate the merits of various common ingredients.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans
$X 1$. of the
X 2. by the
3. in the
$\times 4$. from the

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

South Korea is the most cosmetically (1) $\qquad$ country on Earth. Beauty editors estimate that it is because of the government's heavy investment (2) $\qquad$ industry. It is ahead of its competitors, and its citizens (3) $\qquad$ twice as much on skincare products as consumers in
the United States, the UK, and France. Korean shoppers are (4) $\qquad$ the world's most
discerning. Eight out of 10 Korean women in their 20 s and 30 s use an app that (5) $\qquad$ like a cosmetics-specific, to debate the merits of various common ingredients.
SubQuestion No: 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans

1. spend
$\times 2$ cherish
X 3. comply
X 4. propagate

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

South Korea is the most cosmetically (1) $\qquad$ country on Earth. Beauty editors estimate that it is because of the government's heavy investment (2) $\qquad$ industry. It is ahead of its
competitors, and its citizens (3) $\qquad$ twice as much on skincare products as consumers in the United States, the UK, and France. Korean shoppers are (4) $\qquad$ the world's most
discerning. Eight out of 10 Korean women in their 20s and 30 s use an app that (5) $\qquad$ like a cosmetics-specific, to debate the merits of various common ingredients.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank number 4.

Ans

1. perhaps
2. although
3. maybe
4. though

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

South Korea is the most cosmetically (1) $\qquad$ country on Earth. Beauty editors estimate that it is because of the government's heavy investment (2) $\qquad$ industry. It is ahead of its competitors, and its citizens (3) $\qquad$ twice as much on skincare products as consumers in
the United States, the UK, and France. Korean shoppers are (4) $\qquad$ the world's most
discerning. Eight out of 10 Korean women in their 20 s and 30 s use an app that (5) $\qquad$ like
a cosmetics-specific, to debate the merits of various common ingredients.
SubQuestion No: 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans
X 1. dissolves
X 2. stops
X 3. malfunctions
4. functions

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Throughout history, the intricacies of the human mind have been the subject of fascination and inquiry. From ancient philosophers to modern-day neuroscientists, the workings of the brain have been studied and analysed in an attempt to unravel its mysteries. However, despite centuries of research, much remains unknown about the complexities of human cognition and consciousness.
One of the most fascinating aspects of the human mind is its ability to create and imagine. The human mind has the capacity to conceptualise and bring into being ideas that were previously unknown or unimaginable, from artistic expression to scientific discovery. The process of creativity has captured the attention of scholars and laypeople alike and is both enigmatic and awe-inspiring.
There have been many theories proposed to explain the process of creativity. Some suggest that it is a purely subconscious process, while others argue that creativity is a result of conscious effort and intentional problem-solving. Still others suggest that creativity arises from a combination of conscious and subconscious processes.
Despite the ongoing debate over the nature of creativity, one thing is clear: it is a multifaceted and complex phenomenon. Creativity can manifest in a wide range of human activities, from the creation of art and literature to the development of scientific theories and inventions. It can occur in both individual and collective contexts and can be driven by a variety of factors such as curiosity, passion, or the desire for recognition.
Creativity also has the potential to bring about positive change in the world. Throughout history, creative individuals and groups have used their talents to address social, political, and environmental challenges, often inspiring others to take action and make a difference. From the abolitionist movement to the civil rights movement to the environmental movement, creativity has played a crucial role in promoting social justice and positive change.
Despite the many benefits of creativity, it is not without its challenges. The process of creative expression can be fraught with obstacles, from self-doubt and insecurity to external pressures and constraints. Moreover, not all creative ideas are successful or well-received, and many artists and innovators face rejection and criticism as they seek to bring their ideas to fruition. Despite these challenges, however, the human drive to create and imagine persists. Individuals and groups continue to harness the power of creativity to make a difference in the world. From the humblest amateur artist to the most celebrated innovator, the human capacity for creativity remains one of our greatest strengths and sources of inspiration.

SubQuestion No : 46
Q. 46 Select an appropriate title for the passage.

Ans 1. The Power of Creativity
$X$ 2. The Complexities of Human Cognition
X 3. The History of the Human Mind
X 4. The Role of the Human Mind in Promoting Positive Change

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Throughout history, the intricacies of the human mind have been the subject of fascination and inquiry. From ancient philosophers to modern-day neuroscientists, the workings of the brain have been studied and analysed in an attempt to unravel its mysteries. However, despite centuries of research, much remains unknown about the complexities of human cognition and consciousness.
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SubQuestion No : 47
Q. 47 What is the main focus of the passage?

Ans $\times 1$. The complexities and challenges of cognitive processes.
$X$ 2. The mysteries of the human mind.
3. The nature of creativity, its benefits and challenges.
$X 4$. The nature of fancy and imagination.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Throughout history, the intricacies of the human mind have been the subject of fascination and inquiry. From ancient philosophers to modern-day neuroscientists, the workings of the brain have been studied and analysed in an attempt to unravel its mysteries. However, despite centuries of research, much remains unknown about the complexities of human cognition and consciousness.
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SubQuestion No : 48
Q. 48 Which of the following factors can drive creativity?

Ans $\times 1$. Self-doubt and insecurity
2. Curiosity and passion

X 3. Fancy and imagination
X 4. External pressures and constraints

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Throughout history, the intricacies of the human mind have been the subject of fascination and inquiry. From ancient philosophers to modern-day neuroscientists, the workings of the brain have been studied and analysed in an attempt to unravel its mysteries. However, despite centuries of research, much remains unknown about the complexities of human cognition and consciousness.
One of the most fascinating aspects of the human mind is its ability to create and imagine. The human mind has the capacity to conceptualise and bring into being ideas that were previously unknown or unimaginable, from artistic expression to scientific discovery. The process of creativity has captured the attention of scholars and laypeople alike and is both enigmatic and awe-inspiring.
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Despite the many benefits of creativity, it is not without its challenges. The process of creative expression can be fraught with obstacles, from self-doubt and insecurity to external pressures and constraints. Moreover, not all creative ideas are successful or well-received, and many artists and innovators face rejection and criticism as they seek to bring their ideas to fruition. Despite these challenges, however, the human drive to create and imagine persists. Individuals and groups continue to harness the power of creativity to make a difference in the world. From the humblest amateur artist to the most celebrated innovator, the human capacity for creativity remains one of our greatest strengths and sources of inspiration.

SubQuestion No : 49
Q. 49 According to the passage, what is one of the challenges of creative expression?

Ans $\times 1$. The absence of external pressures and constraints.
$X 2$. The limited capacity of the human mind.
3. The lack of appreciation for creative ideas.
$X$ 4. The overemphasis on conscious problem-solving.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Throughout history, the intricacies of the human mind have been the subject of fascination and inquiry. From ancient philosophers to modern-day neuroscientists, the workings of the brain have been studied and analysed in an attempt to unravel its mysteries. However, despite centuries of research, much remains unknown about the complexities of human cognition and consciousness.
One of the most fascinating aspects of the human mind is its ability to create and imagine. The human mind has the capacity to conceptualise and bring into being ideas that were previously unknown or unimaginable, from artistic expression to scientific discovery. The process of creativity has captured the attention of scholars and laypeople alike and is both enigmatic and awe-inspiring.
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Despite the ongoing debate over the nature of creativity, one thing is clear: it is a multifaceted and complex phenomenon. Creativity can manifest in a wide range of human activities, from the creation of art and literature to the development of scientific theories and inventions. It can occur in both individual and collective contexts and can be driven by a variety of factors such as curiosity, passion, or the desire for recognition.
Creativity also has the potential to bring about positive change in the world. Throughout history, creative individuals and groups have used their talents to address social, political, and environmental challenges, often inspiring others to take action and make a difference. From the abolitionist movement to the civil rights movement to the environmental movement, creativity has played a crucial role in promoting social justice and positive change.
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SubQuestion No: 50

## Q. 50 Select the most appropriate ANTONYM for the word 'fraught'.

Ans $\mathbf{X}$ 1. Tranquil
X 2. Calm
X 3. Beset
4. Devoid

## Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023

Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | MIET Meerut - CAMPUS - 1 |
| Exam Date | 03/10/2023 |
| Exam Time | 4:00 PM - 6:00 PM |
| Subject | SICPO Paper I 2023 |

## Section : General Intelligence and Reasoning

Q. 1 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
$\mathbf{L}_{--} \mathbf{A}_{--} \mathbf{S}_{--} \mathbf{K}_{--} \mathbf{L}_{--} \mathbf{A}$
Ans
X1.ASLKALSAKA
X2.KSKKALSAKA
3.KSLKALSAKS

X4.KSLKALSAKA

Option 1 ID : 264330311491
Option 2 ID : 264330311489
Option 3 ID : 264330311490
Option 4 ID : 264330311488
Status: Answered
Q. 2 Select the set in which the numbers are related in the same way as the numbers of the given sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(6,8,106)$
$(7,11,177)$
Ans
X 1. $(8,7,119)$
2. $(9,8,154)$

X 3. $(5,9,101)$
4. $(7,9,136)$
Q. 3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

Jm45ae

Ans
1.96टम ml
2. 9645 ml

4. 9 S Stmi

Question ID: 26433055953
Option 1 ID : 264330218798
Option 2 ID : 264330218799
Option 3 ID : 264330218796
Option 4 ID : 264330218797 Status: Answered
Q. 4 A @ $B$ means ' $A$ is the husband of $B$ '
$A$ \& $B$ means ' $A$ is the mother of $B$ '
A \# B means ' $A$ is the daughter of $B$ '
If $D \& G @ F \& E @ H$, then how is $G$ related to $H$ ?
Ans

1. Husband's father
2. Husband's mother
3. Mother
4. Father
Q. 5 In a certain code language, 'TOWER' is written as 'INGYL' and 'SIGHT' is written as 'JTWVJ'. How will 'BRING' be written in that language?

Ans

1. LWYDB
2. ACTBE
3. KRPJS
4. AKUPW
Q. 6 If ' $x$ ' means ' - ', ' + ' means ' $\div$ ', ' - ' means ' + ', and ' $\div$ ' means ' $x$ ', what will be the value of the following expression?
$40+[\{(24-12) \times(2 \div 2)\}+(18 \times 10)]$
Ans
5. 10
6. 20
(3. 1
7. 5
Q. 7 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. No dean is a teacher.
II. All teachers are professors.
III. No professor is a lecturer.

Conclusions:
I. Some deans are lecturers.
II. Some teachers are lecturers.

Ans

1. Only conclusion II follows
2. Only conclusion I follows
3. Both conclusions I and II follow
4. Neither conclusion I nor II follows
Q. 8 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
42 * 7 * 3 * 2 * 13 * 7
Ans
5. $\div, x,-,=, x$
2.,$+=, \div, \times,+$
(3. $\div, \times,=,+,+$
6. $\div, \times,+,=+$
Q. 9 In a certain code language, 'Here we go' is coded as 'asa te du' and 'We can go' is coded as 'du mu asa'. What is the code for the word 'Here'?

Ans
X 1.mu
2. asa
3. du
4. te

Question ID : 26433074768
Option 1 ID : 264330293163
Option 2 ID : 264330293160
Option 3 ID : 264330293162
Option 4 ID : 264330293161 Status: Answered
Q. 10 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans

1. QJPK
2. KOLN
3. MQNP
4. XBYA

Question ID : 264330145348
Option 1 ID : 264330569648
Option 2 ID : 264330569647
Option 3 ID : 264330569650 Option 4 ID : 264330569649
Q. 11 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Glory
2. Glossary
3. Globe
4. Gloss
5. Glow
6. Gloomy

Ans
X 1.3,1,6,4, 2, 5
X 2, 3, 6, 1, 2, 4, 5
3. 3, 6, 1, 4, 2, 5

X 4.6,3,1,4, 2, 5
Q. 12 If '+' means ' - ', '-' means ' $\div$ ', ' $\div$ ' means ' $\times$ ' and ' $x$ ' means ' + ', then what will come in place of the (?) in the following equation?
$15 \div 405-3+25 \times 5=$ ?
Ans
$\times 1.1890$
X2. 2000
3. 2005
4. 1889
Q. 13 Select the option that is embedded in the given figure as its part (rotation is NOT allowed)


Ans
$\times 2$.

$\times 3$


- 4. 


Q. 14 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All cupboards are shelves.
All shelves are drawers.
Conclusions:
I. All cupboards are drawers.
II. All drawers are shelves.

Ans
X 1. Neither conclusion I nor II follows
2. Both conclusions I and II follow
3. Only conclusion II follows
4. Only conclusion I follows
Q. 15 Which of the following terms will replace the question mark (?) in the given series? WWVU, USTQ, ?, QKPI, OGNE
Ans
X 1 . SQRM
X 2. SORW
3. SORM

X 4. SROM
Q. 16 In a certain code language, 'CARD' is coded as ' 3597 ' and 'DOGS' is coded as ' 8346 '. What is the code for ' $D$ ' in the given code language?
Ans
$\times 1.4$
$\times 2.9$
$\times 3.5$

- 4.3
Q. 17 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?

| X | O |  | $\Delta$ | T |  | X | O |  | $\Delta$ | T |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |
|  | S |  |  | C |  |  | $\square$ |  |  | $ค$ |
|  |  |  |  |  |  | $?$ |  |  |  |  |
|  | T | $\Delta$ |  | O | X |  | T | $\Delta$ |  | O |

Ans

Q. 18 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 3$.


- 4. 


Q. 19 In a certain code language, 'BED' is coded as 9 and 'TABLE' is coded as 25 . How will 'RECLINER' be coded in the same language?

Ans
$\times 1.58$
$\times 2.72$
3. 36
4. 64
Q. 20 Six students are sitting around a circular table facing the centre. $A$ is an immediate neighbour of both $E$ and $D$. $E$ sits third to the right of $C$. D sits third to the left of $F$. $E$ is an immediate neighbour of $F$. B sits second to the left of $E$. Who sits to the immediate left of C ?
Ans
X1.B
2. D

X3.E
X4.A
Q. 21 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


Ans

$\times 2$

$\times 3$

$\times 4$.

Q. 22 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
All dogs are cats.
Some cats are not dolls.
Conclusions:
I. All dolls are cats.
II. Some cats are dogs.

Ans

1. Only conclusion II follows
2. Only conclusion I follows

X 3. Both the conclusions follow
X 4. Neither conclusion I nor II follows
Q. 23 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\because$ ', then what will be the value of the following equation? 80 C 16 B 4 A 96 D 4 = ?

Ans
$\times 1.37$
$\times 2.54$
(3. 120
4. 40
Q. 24 Select the correct mirror image of the given figure when the mirror is placed at line $M N$ as shown.


Ans
$\times 1$

2.

$\times 3$

$\times 4$.

Q. 25 If ' + ' means ' $\div$ ', ' - ' means ' $x$ ', ' $x$ ' means ' - ', and ' $\div$ ' means ' + ', then what will be the value of the following expression?
$108 \times 343+7-2 \div 13=$ ?
Ans

1. 23
2. 19
$\times 3.28$
3. 44
Q. 26 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

1. SUPT
2. JLGK
3. EHBG
4. PRMQ

Question ID : 264330180756
Option 1 ID : 264330708991
Option 2 ID : 264330708994
Option 3 ID : 264330708992
Option 4 ID : 264330708993
Status: Answered
Q. 27 'C @ $D$ ' means ' $C$ is the mother of $D$ '.
'C \$ D' means 'C is the brother of $D$ '.
'C \# D' means ' $C$ is the sister of $D$ '.
' $C$ * $D$ ' means ' $C$ is the father of $D$ '.
If $\mathbf{V} \$ \mathrm{Y}$ @ $\mathbf{G}$ * $F$, then how is Y related to F ?
Ans

1. Father's mother
2. Sister
3. Father's sister
4. Brother
Q. 28 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Cat : Paw :: Crow : ?
Ans
X1. Hoff
5. Wings
6. Beak
7. Claw
Q. 29 Which of the following numbers will replace the question mark (?) in the given series?

13, $14,-2,79,-177$ ?
Ans

1. 424
2. 528
3. 608
4. 448

Question ID : 26433069197
Option 1 ID : 264330271302
Option 2 ID : 264330271301
Option 3 ID : 264330271300
Option 4 ID : 264330271303
Status: Not Attempted and
Chosen Option : --
Q. 30 In a certain code language, 'How are you' is coded as 'si de tu' and 'You are fine' is coded as 'de mu si'. What is the code for the word 'How'?
Ans
X1.mu
2. tu
3. de
4. si
Q. 31 Manoj starts from point $A$ and drives $X$ km towards the south and then turns left and drives $Y \mathrm{~km}$. He then takes a right turn and drives for 4 km to reach point D . If Manoj drove a total of 17 km between Points $A$ and $D$, and both $X$ and $Y$ are perfect squares where $X>Y$, then what is the value of $X$ ?

Ans

1. 4
2. 11
3. 5
4. 9
Q. 32 If ' + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$42 \times 7-11 \div 57+10=$ ?
Ans
$\times 1.133$
5. 113

X 3.103
4. 123
Q. 33 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).


Ans

2.

$\times 3$

$\times 4$

Q. 34 Which of the following terms will replace the question mark (?) in the given series?

PMRO NKTQ LIVS ? HEZW
Ans
X 1. JGUX
< 2. GJXU
3. JGVU
4. JGXU
Q. 35 Which of the following numbers will replace the question mark (?) in the given series?

93, ?, 102, 111, 123, 138
Ans
$\times 1.95$
2. 96
$\times 3.98$
$\times 4.97$
Q. 36 Select the figure that will come next in the following figure series.


Ans

$\times 4$.

Q. 37 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Jalopy
2.Jabber
3. Jackpot
4.Jackdaw
5.Jackal

Ans

1. $2,5,4,3,1$
2. $4,5,2,3,1$
3. $3,2,4,5,1$
4. $2,4,3,1,5$
Q. 38 A boy walks 15 m north, turns right and walks 20 m . Again, he turns right and walks 15 m . Finally, he turns to his left and moves 20 m . What is the distance now from his original position?
Ans
5. 40 m
6. 46 m
7. 50 m
8. 45 m
Q. 39 Which of the following numbers will replace the question mark (?) in the given series? 38, 64, 98, 140, ?
Ans
9. 190
10. 186
11. 188
12. 192
Q. 40 Six students Prateek, Sameer, Kabir, Ziya, Joseph, Kiran are sitting around a circular table facing the centre (not necessarily in the same order). Prateek is an immediate neighbour of both Sameer and Kabir. Ziya is sitting second to the right of Sameer. Kiran is sitting third to the left of Kabir. Joseph is an immediate neighbour of both Ziya and Kabir.
Who is sitting to the immediate left of Joseph?
Ans
X 1. Kabir
13. Ziya

X 3. Sameer
4. Kiran
Q. 41 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(125, 87, 49), (236, 198, 160)
Ans
X 1. $(194,162,124)$
X 2. $(222,186,140)$
X 3. $(166,128,101)$
4. $(277,239,201)$
Q. 42 Which two mathematical signs should be interchanged to make the given equation correct?
$(63 \times 21)+8+99 \times 11 \div 16+(12 \times 4)=158$
Ans
$\times 1 .+$ and -
X2. $\times$ and +
X 3. $\times$ and -
4. $\div$ and $\times$
Q. 43 Select the option in which the given figure is embedded (rotation is NOT allowed).
$\square$
Ans

$\times 2$.

$\times 3$

$\checkmark 4$.

Q. 44 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All goods are services.
No service is a delivery.
Conclusions:
I. No good is a delivery.
II. Some goods are deliveries.

Ans

1. Neither conclusion I nor II follows
2. Both conclusions I and II follow
3. Only conclusion II follows
4. Only conclusion I follows
Q. 45 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans
$\times 1$

$\times 2$.

3.

$\times 4$.


Question ID : 26433056626
Option 1 ID : 264330221488
Option 2 ID : 264330221489
Option 3 ID : 264330221491
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 2 1 4 9 0}$
Status: Answered
Chosen Option : 3
Q. 46 Which of the following numbers will replace the question mark (?) in the given series?

1024, 256, 64, ?, 4
Ans
$\times 1.32$
$\times 2.34$
X 3.36

- 4.16
Q. 47 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
5:21:: ? : 252 :: 27 : 725
Ans
X1.26
$\times 2.10$
- 3.16
$\times 4.12$
Q. 48 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\checkmark 2$.

$\times 3$

$\times 4$

Q. 49 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(5,4,405)$
$(7,3,500)$
Ans

1. $(4,1,125)$
2. $(3,2,145)$

X $3 .(4,5,850)$
4. $(5,8,789)$
Q. 50 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

CREATION : ETGCVKQP :: UNIVERSE : WPKXGTUG :: PLANET :?
Ans

1. RNCPGV
2. RCPNGV
3. RPGVNC
4. RPCGVN

Section: General Knowledge and General Awareness
Q. 1 Identify the dam that is located in South India.

Ans

1. Rihand dam
2. Mettur dam
3. Gandhi Sagar dam
4. Tilaiya dam
Q. 2 Who is the author of the novel 'Before We Visit the Goddess'?

Ans

1. Chitra Banerjee Divakaruni

X 2. Kiran Doshi
X 3. Arundhati Roy
4. Jhumpa Lahiri
Q. 3 When the President of India keeps a bill (except money bill and constitutional amendment bill) pending for an indefinite period, it is called $\qquad$ -.

Ans

1. pocket veto of the President
2. suspensive veto of the President
3. absolute veto of the President
4. amendatory veto of the President
Q. 4 Which of the following union territories has the lowest literacy rate according to the 2011 census?
Ans
$\times 1$. Delhi
5. Dadra and Nagar Haveli
6. Lakshadweep
7. Daman and Diu
Q. 5 Where are Huka Falls located?

Ans
X 1. Spain
$\times 2$. Australia
3. New Zealand
4. Germany

Question ID : 26433064473
Option 1 ID : 264330252487
Option 2 ID : 264330252484
Option 3 ID : 264330252485
Option 4 ID : 264330252486
Status:
Not Attempted and Marked For Review
Chosen Option: --
Q. 6 A money bill under Article 111 of the Constitution of India, presented to the President for assent, has to be endorsed by a Certificate of the $\qquad$ signed by him/her that it is a money bill.

Ans

1. Speaker of the Lok Sabha
2. Secretary General of the Rajya Sabha
3. Deputy Chairman of the Rajya Sabha
4. Secretary General of the Lok Sabha
Q. 7 Which state was the host of fifth Khelo India Youth Games 2022?

Ans

1. Madhya Pradesh
2. Uttarakhand
3. Haryana
4. Jharkhand
Q. 8 Who among the following is considered as the 'Father of Carnatic Music in India'?

Ans
X 1. Gopala
2. Purandardas

X 3. Narayan Tirtha
4. Krishna Bharati

Question ID : 26433074823
Option 1 ID : 264330293381
Option 2 ID : 264330293380
Option 3 ID : 264330293383
Option 4 ID : 264330293382
Status:
Not Attempted and Marked For Review
Chosen Option :--
Q. 9 Terrestrial planets are composed of $\qquad$ .
Ans
X 1. metals and air
2. metals and gas
3. rocks and gas
4. rocks and metals

Question ID : 264330113352
Option 1 ID : 264330445495
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 5 4 9 3}$
Option 3 ID : 264330445494
Option 4 ID : 264330445496
Status:
Not Attempted and Marked For Review
Chosen Option : --
Q. 10 Which of the following is considered a capital expense?

Ans
1 1. Payment of salaries
X 2. Pension
2. Construction of school buildings
4. Subsidies
Q. 11 Which Goddess is associated with the Gangaur Festival celebrated in Central and Western India?

Ans

1. Goddess Saraswati
2. Goddess Lakshmi
3. Goddess Parvati
4. Goddess Kali

Question ID : 264330145142
Option 1 ID : 264330568826
Option 2 ID : 264330568823
Option 3 ID : 264330568825
Option 4 ID : 264330568824 Status: Answered
Chosen Option: $\mathbf{3}$
Q. 12 In which of the following Indian states does the southwest monsoon set first to give rainfall?

Ans

1. Goa
2. Andhra Pradesh
3. Kerala
4. Tamil Nadu
Q. 13 In which year did the 44th Amendment remove the right to property from the list of fundamental rights?
Ans
X 1.1975
5. 1978
6. 1981
7. 1973
Q. 14 In which year was the Small Industries Development Bank of India (SIDBI) set up?

Ans

1. 1990
2. 1988
$\times 3.1989$
3. 1987
Q. 15 Which Nobel Laureate conducted an experiment in the late $19^{\text {th }}$ century and observed that a glass tube filled with a low-pressure gas emitted radiation when a voltage was applied between two metal plates?
Ans
Х 1. Victor Francis Hess
4. Philipp Lenard

X 3. Paul Dirac
X 4. Hideki Yukawa
Q. 16 Which of the following Articles of the Indian Constitution mentions that all executive actions of the Government of India shall be expressed to be taken in the name of the President?

Ans

1. Article 81
2. Article 67
3. Article 77
4. Article 48
Q. 17 Identify the third germinal layer found in triploblastic animals.

Ans

1. Mesoderm

X 2. Ectoderm
X 3. Coelom
4. Endoderm
Q. 18 What is the metric unit of pressure that is equal to 0.986923 atm?

Ans

1. Bar

X 2. Quart
X 3. Gallon
4. Yard

Question ID : 264330110059
Option 1 ID : 264330432516
Option 2 ID : 264330432513
Option 3 ID : 264330432515
Option 4 ID : 264330432514
Status:
Not Attempted and
Marked For Review
Chosen Option :--
Q. 19 Famous musician Talvin Singh is associated with playing the $\qquad$ -
Ans

1. shehnai
2. flute
3. veena
4. tabla

Question ID : 264330145187
Option 1 ID : 264330569006 Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 9 0 0 5}$ Option 3 ID : 264330569003
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 9 0 0 4}$ Status: Answered
Chosen Option: 3
Q. 20 During the year 1991-92, the industrial production recorded a $\qquad$ growth of
$\qquad$ -

1. negative; 1.1 Percent
2. positive; 0.6 Percent
3. positive; 1.1 Percent
4. negative; 0.9 Percent
Q. 21 Select the correct pair of classical dance and dancer.

Ans

1. Padma Subrahmanyam - Bharatnatyam
2. Mallika Sarabhai - Kathak
3. Jhelum Paranjape - Kuchipudi
4. K Uma Rama Rao - Odissi
Q. 22 In which type of tax is the marginal tax rate higher than the average tax rate?

Ans

1. Digressive
2. Proportional
3. Regressive
4. Progressive
Q. 23 Which of the following Governor Generals, under the British rule in India, professionalised, bureaucratised and Europeanised the administration of East India Company?
Ans
5. Lord Canning
6. Lord Cornwallis
7. Warren Hastings
8. Lord Dalhousie

Question ID : 264330165381
Option 1 ID : 264330648605
Option 2 ID : 264330648606
Option 3 ID : 264330648604
Option 4 ID : 264330648603
Q. 24 Which of the following elements is a member of the actinoid series?

Ans
X 1. Magnesium
2. Lanthanum
3. Lutetium
4. Thorium

Question ID : 264330131695
Option 1 ID : 264330515881
Option 2 ID : 264330515879
Option 3 ID : 264330515880
Option 4 ID : 264330515882
Status: $\begin{aligned} & \text { Not Attempted and } \\ & \text { Marked For Review }\end{aligned}$
Q. 25 'The Great Indian Novel' is written by $\qquad$ in which he based 'The Mahabharata' as a framework for his satirical novel.

Ans

1. Shashi Tharoor
2. Khushwant Singh
3. Sarojini Naidu
4. Kuldip Nayyar

Question ID : 26433071685
Option 1 ID : 264330281167
Option 2 ID : 264330281166
Option 3 ID : 264330281165
Option 4 ID : 264330281164
Q.26 Alarmel Valli is an Indian classical dancer and choreographer and a foremost exponent of the $\qquad$ dance form of Bharatanatyam.

Ans

1. Tarangam style
2. Pandanallur style

X 3. Vazhuvoor style
X 4. Melattur style
Q. 27 In which of the following processes nutrients or contaminants are carried away by water or moved into the lower layer of the soil?
Ans
X 1. Ploughing
2. Leaching
3. Sowing
4. Bleaching
Q. 28 In July 2018, an experiment aboard the International Space Station cooled a cloud of atoms of which chemical element to one ten-millionth of one Kelvin above absolute zero, forming a Bose-Einstein Condensate in space?
Ans

1. Rubidium
2. Plutonium
3. Radium
4. Thorium

Question ID: 264330110065
Option 1 ID : 264330432539
Option 2 ID : 264330432538
Option 3 ID : 264330432537
Option 4 ID : 264330432540
Status: Not Attempted and Marked For Review
Q. 29 Malavikagnimitra, a drama of the 5th century CE, was written by $\qquad$ -
Ans
X 1. Pingala
2. Kalidasa
3. Harisena
4. Bhavabhuti

Question ID : 264330165577
Option 1 ID : 264330649388
Option 2 ID : 264330649387
Option 3 ID : 264330649389
Option 4 ID : 264330649390
Status: Not Attempted and
Marked For Review
Q. 30 Who was the first winner of the Arjuna Award in Kabaddi?

Ans

1. Sahanand Mahadev Shetty
2. Manjeet Chhillar
3. BC Ramesh
4. Bholanath Guin
Q. 31 The number of Pawn in chess is $\qquad$ .

Ans

1. 16
2. 14
X. 3.17
3. 15

Question ID : 264330109730
Option 1 ID : 264330431199
Option 2 ID : 264330431197
Option 3 ID : 264330431200
Option 4 ID : 264330431198 Status : Answered

Chosen Option : 1
Q. 32 Who made the use of Gun powder common in North India to defeat enemies?

Ans
X 1. Ibrahim Lodi
2. Babur
3. Daulat Khan Lodi
4. Rana Sanga

Question ID : 264330109023
Option 1 ID : 264330428370
Option 2 ID : 264330428371
Option 3 ID : 264330428372
Option 4 ID : 264330428369
Q. 33 By which Indian Constitutional Amendment Act was the $11^{\text {th }}$ fundamental duty added in the Indian Constitution?

Ans

1. $87^{\text {th }}$ Constitutional Amendment Act
2. $88^{\text {th }}$ Constitutional Amendment Act
3. $85^{\text {th }}$ Constitutional Amendment Act
4. $86^{\text {th }}$ Constitutional Amendment Act
Q. 34 Which of the following Acts prevents disrespect to the National Flag and National Anthem?

Ans
X 1. Protection of National Honour Act, 1996
2. Civil Liberties Act, 2001

X 3. Unlawful Activities (Prevention) Act, 2006
4. Prevention of Insults to National Honour Act, 1971
Q. 35 In alchemy, aqua fortis is the classical name of which chemical compound that is used chiefly in the manufacture of explosives and fertilisers, and in organic synthesis?

Ans

1. Nitric acid
2. Formic acid
3. Chloric acid
4. Hydrobromic acid
Q. 36 What is the height of the badminton net?

Ans
X 1.6 feet
2. 6.5 feet

- 3. 5.1 feet

X4.5.5 feet
Q. 37 Which of the following mosques/masjids was built during the reign of Lodi dynasty of the Delhi Sultanate?
Ans
X 1. Begumpuri mosque, Delhi
X 2. Lal Masjid, Delhi
3. Moth ki Masjid, Delhi

X 4. Quwwat al-Islam, Delhi
Q. 38 Sattriya was recognised in $\qquad$ as a Classical Dance by Sangeet Natak Akademi.
Ans

- 1.2000

X 2. 2010
X 3.2020
4. 2005

Question ID : 26433054502
Option 1 ID : 264330212992
Option 2 ID : 264330212994
Option 3 ID : 264330212995
Option 4 ID : 264330212993
Status:
Not Attempted and Marked For Review
Chosen Option :--
Q. 39 The synthesis of which chemical is inhibited due to aspirin?

Ans
X 1. Pyrites
2. Prostaglandins
3. Histamines
4. Analgesics

Question ID : 264330145207
Option 1 ID : 264330569086
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 9 0 8 3}$
Option 3 ID : 264330569084
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 9 0 8 5}$
Status:
Not Attempted and Marked For Review
Q. 40 Who was the first ecologist to describe the specific shape of eco-trophic interactions, Which he called the pyramid of numbers, in the 1920s?

Ans

1. Charles Elton
2. Ernst Haeckel
3. Howard Thomas Odum
4. Edward O Wilson
Q. 41 Siddheshvara Mahadeva temple in Bengal depicts the architecture of which dynasty?

Ans

1. Chalukaya dynasty
2. Shung dynasty
3. Hussain Shahi dynasty
4. Pala dynasty
Q. 42 In 2010, considering its outstanding value and vulnerability, UNESCO recognised 'Mudiyettu', an age-old ritual-drama of $\qquad$ , as an 'intangible cultural heritage of humanity'.
Ans
X 1. Tamil Nadu
X 2. Karnataka
5. Kerala
6. Telangana
Q. 43 Choose the INCORRECT statement related to monsoon.

Ans $\quad$ 1. The Southwest Monsoon winds blow over the warm oceans, gather moisture and bring widespread rainfall over the mainland of India.

2 2. The intensity and position of the high-pressure area, east of Madagascar, affects the Indian Monsoon.
X 3. The difference in pressure over Tahiti (Pacific Ocean), and Darwin in northern Australia (Indian Ocean) is computed to predict the intensity of the monsoons.
4. The western cyclonic disturbances occur due to withdrawal or the retreat of the monsoon.
Q. 44 The natural vegetation of India is broadly divided into $\qquad$ groups.
Ans
X1.6
2.5

X 3.9
<4.7
Q. 45 According to the Census of India 2011, what was the percentage of Sikh communities in the total population in India?
Ans
X1.0.4\%
2. 79.8\%
3. $14.2 \%$
4. $1.7 \%$
Q. 46 Which of the following is NOT a food preservative?

Ans

1. Aqua regia
2. Vinegar
3. Sodium chloride
4. Sodium nitrite
Q. 47 Losar (a new year festival) is celebrated in which of the following states?

Ans
X 1. Jharkhand
2. Arunachal Pradesh

X 3. Himachal Pradesh
4. Uttarakhand
Q. 48 Who among the following leaders founded the women's wing of Congress in 1940?

Ans

1. Lakshmi Sahgal
2. Sarojini Naidu
3. Sucheta Kriplani
4. Aruna Asaf Ali

Question ID: 26433099176
Option 1 ID : 264330389318
Option 2 ID : 264330389320
Option 3 ID : 264330389317
Option 4 ID : 264330389319 Status: Not Attempted and Marked For Review

Chosen Option : --
Q. 49 Which of the following schemes adopts the One District One Product (ODOP) approach to reap the benefit of scale in terms of procurement of inputs, availing common services and marketing of products?

Ans
X 1. Pradhan Mantri Kisan Sampada Yojana
2. Micro and Small Enterprises Cluster Development Programme (MSE-CDP)
3. Production Linked Incentive Scheme For Food Processing Industry (PLISFPI)
4. Pradhan Mantri Formalisation of Micro Food Processing Enterprises (PMFME)
Q. 50 Which of the following Acts, enacted by the British Parliament, provided for the establishment of a Law Commission for the consolidation and codification of Indian Laws?
Ans

1. Indian Council Act, 1909
2. Government of India Act, 1919
3. Charter Act, 1813
4. Charter Act, 1833

Section: Quantitative Aptitude
Q. 1 What should be the value in place of (?) in $7 \frac{5}{8}+\frac{5}{8}$ of $184 \times 15 \div 5-(?)=0$.

Ans
$\times 1 .-352 \frac{5}{8}$
$\times 2.152 \frac{1}{8}$
×3. $-152 \frac{1}{8}$
4. $352 \frac{5}{8}$
Q. 2 The following table shows the earning of different firms (in ₹ crore) in different years.

| Firm | 2012 | 2013 | 2014 | 2015 | 2016 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| P | 50 | 45 | 49 | 56 | 57 |
| Q | 46 | 48 | 50 | 55 | 62 |
| R | 70 | 65 | 63 | 68 | 73 |
| S | 38 | 47 | 56 | 60 | 69 |

The earning (in ₹ crore) of which firm was highest in the year 2015?
Ans
$\times 1$. P
$\times 2$.s
3.R

X 4. Q
Q. 3 A shopkeeper allows a discount of $15 \%$ on an article and still makes a profit of $\mathbf{2 0 \%}$. What does the shopkeeper pay for an article whose marked price is $₹ 7,200$ ?
Ans
X 1 . ₹ 6,120
2. ₹5,120
3. ₹ 6,100
4. ₹5,100
Q. 4

If $\tan A=\frac{2}{5}$ find the value of $\frac{\sec ^{2} A}{\operatorname{cosec}^{2} A}$.
Ans

1. $\frac{2}{5}$
2. $\frac{4}{25}$
3. $\frac{9}{25}$
×4. $\frac{3}{5}$
Q. 5 What is the compound interest on a sum of ₹ 25,000 after three years at a rate of 12 percent per annum interest compounded yearly?
Ans
< 1. ₹9,824.00
X 2. ₹10,520.00
X 3. ₹9,956.86
4. ₹10,123.20

Question ID : 264330145044
Option 1 ID : 264330568431
Option 2 ID : 264330568434
Option 3 ID : 264330568432
Option 4 ID : 264330568433
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 6 The least number which should be added to 1351 so that the sum is exactly divisible by $2,4,6$ and 8 is:
Ans
$\times 1.11$
$\times 2.15$
$\times 3.13$
4. 17
Q. 7 In a $\triangle P Q R$ and $\triangle A B C, \angle P=\angle A$ and $A C=P R$. Which of the following conditions is true for triangle $P Q R$ and $A B C$ to be congruent?

Ans

1. $A B=P Q$ by $S S S$
2. $A B=P Q$ by SAS
3. $B C=Q R$ by ASS
4. $\angle Q=\angle B$ by AAA
Q. 8 Study the given pie-chart and answer the question that follows.

The pie-chart shows the expenditure of a family on different items and their savings throughout the year 2021.


If the total income of the family was ₹ $1,00,000$, how much money (in ₹)
was spent on the education of the children?
Ans
X1.12,500

- $2.12,000$
$\times 3.13,500$
X4.13,000
Q. 9 A vendor bought a book marked at ₹ 850 at successive discounts of $20 \%$ and $10 \%$, respectively. He spent ₹55 on transport and sold the book for ₹ 980 . What will be his profit percentage (rounded off to 2 decimal places)?
Ans
X 1.45.65\%
X 2. 48.25\%
X $3.50 .65 \%$

4. $46.93 \%$
Q. 10 Two numbers are in the ratio of $4: 3$. The product of their HCF and LCM is 2700 . The difference between the numbers is:
Ans

- 1.15
$\times 2.30$
$\times 3.25$
$\times 4.105$
Q. 11 Ramesh borrowed some money at rate of $5 \%$ per annum for the first four years, 8\% per annum for the next six years, and $12 \%$ per annum for the period beyond ten years. If the total interest paid by him at the end of twelve years is ₹ 9,016 , then find the money borrowed by Ramesh.
Ans

1. ₹9,816
2. ₹9,800

X 3 . ₹9,016
4. ₹9,616
Q. 12 The area of an equilateral triangle is $4 \sqrt{3} \mathrm{~cm}^{2}$. Find the side (in cm ) of the triangle.

Ans

1. 2
2. 4
3. $\sqrt{3}$
4. $2 \sqrt{3}$
Q. 13 The following table shows the percentage of students passing out of four colleges (A,B,C and D) over four years. Study the table and answer the question that follows.

| Years | College <br> A | College <br> B | College <br> C | College <br> D |
| :---: | :---: | :---: | :---: | :---: |
| 2019 | 68 | 78 | 56 | 78 |
| 2020 | 72 | 86 | 78 | 82 |
| 2021 | 78 | 91 | 82 | 85 |
| 2022 | 80 | 87 | 84 | 87 |

In which college is the average percentage of passing students over the given four years the least?

Ans
$X$ 1. College D
$X$ 2. College $C$
$X$ 3. College $B$
4. College A
Q. 14 The average weight of 15 people increases by 3.2 kg when a new person comes in place of one of them weighing 52 kg . The weight of the new person is:
Ans
X 1.48 kg
< 2.96 kg

* 3.100 kg

X 4.52 kgCols
Q. 15 Study the given graph and answer the following question. Number of boys and girls students in each section.


The number of boy students in section $B$ is approximately what percentage of the number of girl students in section $E$ ?
Ans
X1.25\%
2. $55 \%$
3. $45 \%$
4.15\%

Question ID : 264330165429
Option 1 ID : 264330648796
Option 2 ID : 264330648798
Option 3 ID : 264330648797
Option 4 ID : 264330648795
Q. 16 If $x\left(5-\frac{2}{x}\right)=\frac{5}{x^{\prime}}$, then the value of $x^{2}+\frac{1}{x^{2}}$ is:

Ans

1. $\frac{54}{25}$
2. $\frac{53}{28}$
3. $\frac{53}{27}$
4. $\frac{54}{23}$
Q. 17 The length and the breadth of the floor of a rectangular hall are 126 feet and 90 feet, respectively. What will be the area (in square feet) of each of the largest identical square tiles that can be used to tile this floor in a way that no part of the floor remains uncovered?

Ans
$\times 1.484$
2. 256
3. 324
4. 196
Q. 18 Study the given table and answer the question that follows.

The table shows the consumption of food grains per day (in grams) in the given set of following years.

| Year | Rice | Wheat | Coarse grains | Pulses |
| :---: | :---: | :---: | :---: | :---: |
| $1960-62$ | 161 | 62 | 131 | 61 |
| $1970-72$ | 197 | 81 | 116 | 64 |
| $1980-82$ | 187 | 116 | 103 | 46 |
| $1990-92$ | 189 | 124 | 101 | 44 |
| $2000-02$ | 201 | 137 | 86 | 64 |

For which food grain consumption was there successive increase over the given set of years?
Ans
X 1. Rice
X 2. Pulses
X 3. Coarse grains
4. Wheat
Q. 19 The LCM of two prime numbers $x$ and $y(x>y)$ is 533 . The value of $4 y-x$ is:

Ans
X1. 18
2. 1
$\times 3.23$
X4. 21

Question ID : 26433064887
Option 1 ID : 264330254143
Option 2 ID : 264330254141
Option 3 ID : 264330254142
Option 4 ID : 264330254140
Status: Not Attempted and Chosen Option: --
Q. 20 If $A+B=90^{\circ}$, then the expression $\frac{\cot A}{\cot B}+\cos ^{2} A+\cos ^{2} B$ is equal to:

Ans
X 1. $\cot ^{2} B$
2. $\operatorname{cosec}^{2} A$

X 3. $\cot ^{2} A$
X4. $\operatorname{cosec}^{2} B$
Question ID : $\mathbf{2 6 4 3 3 0 1 5 7 0 7 6}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 6 1 5 6 7 5}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 1 5 6 7 6}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 1 5 6 7 7}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 1 5 6 7 8}$
Status : Not Attempted and
Marked For Review
Q. 21 Ramesh does half as much work as Parul in $\frac{4}{5}$ of the time. If together Ramesh and Parul take 24 days to complete the work, then how much time will Parul take to do it?
Ans
X 1.38 days
X 2.41 days
$\times 3.37$ days
4. 39 days
Q. 22 Study the given table and answer the question that follows.

The table shows the number of employees in five different organisations A, B, C, D and $E$ in different departments.

| Dept $\downarrow$ <br> Org $\rightarrow$ | A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| HR | 1050 | 1015 | 976 | 888 | 1004 |
| Finance | 1017 | 960 | 786 | 1025 | 963 |
| Marketing | 1382 | 1384 | 1275 | 1300 | 1290 |
| Production | 1542 | 1545 | 4550 | 1570 | 1580 |
| Accounts | 786 | 745 | 801 | 800 | 735 |
| Legal | 48 | 54 | 36 | 30 | 53 |
| Total | 5825 | 5703 | 5424 | 5613 | 5625 |

Which organisation has minimum number of employees?
Ans
1.C
2. B
3. D
4.E
Q. 23 If $\sin \theta+\cos \theta=\frac{\sqrt{11}}{3}$, then the value of $(\cos \theta-\sin \theta)$ is:

Ans

1. $\frac{\sqrt{5}}{3}$
2. $\frac{7}{3}$
3. $\frac{5}{3}$
4. $\frac{\sqrt{7}}{3}$
Q. 24 If $(48 \div 72 \times 3)-[15 \div 8 \times(40-32)-10]+2 P=6 \div 2$, then find the value of $P$ ?

Ans
1.3
$\times 2.4$
$\times 3.2$
$\times 4.1$

Question ID : 26433071276
Option 1 ID : 264330279530
Option 2 ID : 264330279531
Option 3 ID : 264330279529
Option 4 ID : 264330279528 Status : Answered

Chosen Option : 1
Q. 25 Mayur sold a watch at a profit of 7\%. If he had sold it for ₹ 1,329 more, he would have gained $57 \%$. Find the cost price (in ₹) of the watch.
Ans
X 1.2580
2. 2658
$\times 3.2420$
4. 2856

Question ID : 264330102342
Option 1 ID : 264330401834
Option 2 ID : 264330401835
Option 3 ID : 264330401833
Option 4 ID : 264330401836 Status: Answered
Chosen Option: $\mathbf{2}$
Q. 26

If $A+\frac{1}{1+\frac{1}{2+\frac{1}{3}}}=\frac{9}{10}$, then the value of $A$ is:
Ans

1. $\frac{1}{5}$
2. $\frac{3}{10}$
3. $\frac{2}{5}$
4. $\frac{1}{10}$

Option 1 ID : 264330618440
Option 2 ID : 264330618441
Option 3 ID : 264330618442
Option 4 ID : 264330618439
Q. 27 Find the area of a rhombus if the perimeter of the rhombus is 52 cm , and one of its diagonals is 10 cm long.

Ans

- $1.120 \mathrm{~cm}^{2}$

X 2. $164 \mathrm{~cm}^{2}$
(3. $160 \mathrm{~cm}^{2}$
( $4.144 \mathrm{~cm}^{2}$

Question ID : 26433080062
Option 1 ID : 264330314197
Option 2 ID : 264330314199
Option 3 ID : 264330314196
Option 4 ID : 264330314198
Status: Not Attempted and
Chosen Option : --
Q. 28 The speed of a boat in still water is $20 \mathrm{~km} / \mathrm{h}$, while the river is flowing at a speed of 8 $\mathrm{km} / \mathrm{h}$ and the time taken to cover a certain distance upstream is 6 h more than the time taken to cover the same distance downstream. Find the distance.
Ans
X 1.120 km
X 2.336 km

- 3.126 km

X 4.125 km
Q. 29 In an election between $P$ and $Q, P$ gets $40 \%$ of the total votes and thus loses by 10 votes. The total number of votes is:

Ans

1. 80
2. 50
3. 90
4.70
Q. 30 The price of a treadmill is marked at ₹ 1,250 . A shopkeeper earns a profit of $14 \%$ after allowing a discount of $14 \%$ on the marked price. Find the cost price (to the nearest rupee) of the treadmill.
Ans
X 1. ₹845
X 2. ₹ 840
X 3 . ₹ 1,043
4. ₹943

Question ID : 264330104352
Option 1 ID : 264330409711
Option 2 ID : 264330409712
Option 3 ID : 264330409709
Option 4 ID : 264330409710
Status: Answered
Chosen Option : 4
Q. 31 Jeevan can do a piece of work alone in 42 days, while Rishi and Jeevan together can do the same piece of work in 27 days. How many days will Rishi take to complete the same piece of work alone?

Ans
$\times 1.74 \frac{3}{5}$
$\times 2.75 \frac{1}{5}$
×3. $75 \frac{4}{5}$
4. $75 \frac{3}{5}$

Question ID : 264330103285
Option 1 ID : 264330405445
Option 2 ID : 264330405446
Option 3 ID : 264330405448
Option 4 ID : 264330405447
Status: Answered
Chosen Option : 4
Q. 32 A person covers 28 km while walking at a speed of $8 \mathrm{~km} / \mathrm{h}$. How much distance (in km ) will he cover in same time if he walks at a speed of $6 \mathrm{~km} / \mathrm{h}$ ?
Ans
$\times 1.36$
$\times 2.28$
$\times 3.32$

- 4.21
Q. 33 The area of an equilateral triangle is $173.2 \mathrm{~cm}^{2}$. Its side will be $\qquad$ .

Ans

- 1.20 cm

2. 22 cm
3. 17.32 cm
4.21 .32 cm

Question ID : 264330145121
Option 1 ID : 264330568740
Option 2 ID : 264330568742
Option 3 ID : 264330568739
Option 4 ID : 264330568741
Status : Not Attempted and
Marked For Review
Chosen Option:-
Q. 34 In two circles centred at $O$ and $O^{\prime}$, the distance between the centres of both circles is 17 cm . The points of contact of a direct common tangent between the circles are $P$ and $Q$. If the radii of both circles are 7 cm and 15 cm , respectively, then the length of $P Q$ is equal to:

Ans

1. 15 cm
2. 17 cm
3. 10 cm
4.22 cm

Question ID : 264330165495
Option 1 ID : 264330649061
Option 2 ID : 264330649062
Option 3 ID : 264330649059
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 9 0 6 0}$
Q. 35 If 4 men or 6 boys can finish a piece of work in 20 days, then in how many days can 6 men and 11 boys finish the same work?
Ans
$\times 1.5$
2. 6
3.7
4. 8
Q. 36 Aditya sold article $X$ at a profit of $23 \%$ and article $Y$ at a loss of $13 \%$. He earned a profit of ₹180 in the entire transaction. If article $X$ costs ₹90 less than article $Y$, then what is the price of article $Y$ (in ₹)?

Ans

1. 2,100
2. 2,007
3. 2,020
4. 2,050

Question ID : 264330131520
Option 1 ID : 264330515186
Option 2 ID : 264330515183
Option 3 ID : 264330515184
Option 4 ID : 264330515185
Status: Not Attempted and
Chosen Option: --
Q. 37 If $\sin 2 A=\cos 15^{\circ}$, then the smallest positive value of $A$ is:

Ans
$\times 1.75^{\circ}$

- $2.37 .5^{\circ}$
$\times 3.7 .5^{\circ}$

4. $47.5^{\circ}$
Q. 38 In an election, Ajay and Mohan are contesting for the Secretary post in a trade union of 9000 workers. $80 \%$ of the workers cast their votes, out of which $20 \%$ votes were found invalid. Ajay defeated Mohan by 1152 votes. How many votes did Ajay get?
Ans
5. 3456

X2. 2304
$\times 3.4480$
4. 3546
Q. 39 Find the third proportional to 16 and 20.

Ans

- 1.25
$\times 2.23$
X 3.24

4. 26
Q. 40 The area of a sector of a circle of radius 8 cm , formed by an arc of length 4.6 cm , is
$\qquad$ —.

Ans

1. $6.3 \mathrm{~cm}^{2}$
2. $9.2 \mathrm{~cm}^{2}$
3. $18.4 \mathrm{~cm}^{2}$
$4.12 .6 \mathrm{~cm}^{2}$

Question ID : 264330165440
Option 1 ID : 264330648842
Option 2 ID : 264330648839
Option 3 ID : 264330648840
Option 4 ID : 264330648841
Q. 41 Following is the figure showing the sales of different items of a stationery shop. Which product recorded the highest percentage change from 2020 to 2021?


Ans

1. Geometry
2. Notebook
3. Charts
4. Pages
Q. 42 A solid sphere made of wax of radius 12 cm is melted and cast into solid hemispheres of radius 4 cm each. Find the number of such solid hemispheres.
Ans
5. 54
6. 27
7. 14

X4. 28

Question ID : 264330145107
Option 1 ID : 264330568685
Option 2 ID : 264330568683
Option 3 ID : 264330568684
Option 4 ID : 264330568686
Status: Not Attempted and
Chosen Option: --
Q. 43 The curved surface area (CSA) and the total surface area (TSA) of a hemisphere whose radius is 7 cm are:

Ans
X 1. CSA $-350 \mathrm{~cm}^{2}$; TSA $-500 \mathrm{~cm}^{2}$
Х 2. CSA $-320 \mathrm{~cm}^{2}$; TSA $-480 \mathrm{~cm}^{2}$
X 3. CSA - $412 \mathrm{~cm}^{2}$; TSA - $544 \mathrm{~cm}^{2}$
4. CSA $-308 \mathrm{~cm}^{2}$; TSA $-462 \mathrm{~cm}^{2}$
Q. 44 Study the given pie-chart and answer the question that follows.

The pie-chart is about Country-wise Global Exports Presentation.


By how much does the value of the exports of UK exceed that of Australia (in ₹ billion)?

Ans
1.1,500
2. 2,000

X 3.1,440
4. 2,550
Q. 45 If the radius of a sphere is doubled, then its surface area will be increased by:

Ans
X $1.100 \%$
X 2. 200\%

- 3. $300 \%$
$\times 4.400 \%$
Q. 46 Study the given table and answer the question that follows.

The table shows the number of pages printed by four printers in three days.

| Days | Printers |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | A | B | C | D |
| Friday | 350 | 451 | 412 | 206 |
| Saturday | 420 | 325 | 365 | 251 |
| Sunday | 238 | 198 | 258 | 326 |

What is the respective ratio between total number of pages printed by printer D on Friday and Sunday together and total number of pages printed by printer A on Friday and Saturday together?

Ans
X 1.34:51
2. 38 :55
$\times 3.51: 34$
X4.55:38
Q. 47 Find the third proportional to 23 and 31.

Ans
$\times 1 . \frac{31}{23}$
2. $\frac{961}{23}$
$\times 3 . \frac{23}{31}$
$\times 4 . \frac{23}{961}$
Q. 48 A speedboat, whose speed in $20 \mathrm{~km} / \mathrm{h}$ in still water, goes 35 km downstream and comes back in a total of 8 hours. What is the speed of the stream?

Ans

1. $20 \mathrm{~km} / \mathrm{h}$
2. $10 \mathrm{~km} / \mathrm{h}$
3. $15 \mathrm{~km} / \mathrm{h}$
$4.5 \mathrm{~km} / \mathrm{h}$
Q. 49 What is the HCF of 12,18 and 42?

Ans
$\times 1.123$
$\times 2.12$

- 3.6
$\times 4.60$

Question ID : 264330145080
Option 1 ID : 264330568578
Option 2 ID : 264330568576
Option 3 ID : 264330568575
Option 4 ID : 264330568577
Status: Answered
Chosen Option: 3
Q. 50 If 60 litres of a milk solution has $\mathbf{4 0 \%}$ milk in it, then how much milk should be added to make the milk $\mathbf{6 0 \%}$ in the solution?
Ans

1. 30 litres
2. 25 litres
3. 20 litres
4. 35 litres

Section : English Comprehension
Q. 1 Select the most appropriate option that can substitute the underlined idiom/phrase in the given sentence.
You cannot throw dust into my eyes.
Ans
X 1. terrify me
X 2. hurt me
X 3. abuse me
4. mislead or deceive me
Q. 2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

O' Henry's short stories are read all over the world till now because they are pithy.
Ans

1. fascinating and lengthy
2. elusive and unreal
3. exaggerated yet short
4. concise and expressive
Q. 3 Select the most appropriate meaning of the given idiom.

A plum job
Ans

1. An easy and pleasant job
2. A rare job
3. A difficult job
4. A job involving extensive travelling
Q. 4 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.
I like to read books, but my brother prefers to watching movies.
Ans
X 1. in watching
5. to watch

X 3. on watching
4. No substitution

Question ID : 264330137493
Option 1 ID : 264330538593
Option 2 ID : 264330538591
Option 3 ID : 264330538592
Option 4 ID : 264330538594
Status: Answered
Q. 5 Select the most appropriate ANTONYM of the given word.

Glad
Ans
X1. Keen
X 2. Loyal
3. Sad
4. Pleased
Q. 6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

There is a spectrum / of seas around that / land which attracts / tourists of all aging.
Ans

1. tourists of all aging.
2. There is a spectrum
3. land which attracts
4. of seas around that
Q. 7 Select the most appropriate meaning of the underlined word.

Saurabh imitates his boss perfectly.
Ans

1. Admires
2. Worships
3. Copies
4. Hates

Question ID : 264330121039
Option 1 ID : 264330474363
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 7 4 3 6 5}$
Option 3 ID : 264330474364
Option 4 ID : 264330474366 Status : Answered
Q. 8 Select the most appropriate synonym of the given word. Unequivocal
Ans
(1. Complete
2. Articulate
3. Unambiguous
4. Doubted
Q. 9 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.
Traffic accidents are increasing steadily, and large cities are plaged by traffic
congestion. Worst of all is the air pollution caused by internal combustion engine, uninterruptedly.
Ans

1. plaged
2. uninterruptedly
3. congestion
4. combustion
Q. 10 Select the most appropriate meaning of the given idiom. Keep count of

Ans

1. To remind of a deadline
2. To act more politely
3. To remember a total
4. To accept an invitation

Question ID : 26433099653
Option 1 ID : 264330391219
Option 2 ID : 264330391218
Option 3 ID : 264330391217
Option 4 ID : 264330391220
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 11 Select the most appropriate one-word substitution of the given group of words.

A pretence of having a virtuous character, moral or religious beliefs or principles, etc., that one does not really possess.
Ans
X1. Shrewdness
2. Naivety
3. Gullibility
4. Hypocrisy
Q. 12 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

He made a mess of that bookcase he was supposed to be repairing.
Ans

1. made a pig's ear
2. had a butcher hook
3. made a clean breast
4. brought a dog's breast
Q. 13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
My apartment / in Delhi / is situated / on second floor.
Ans
$X 1$. is situated
X 2. in Delhi
X 3. My apartment
5. on second floor
Q. 14 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

This case is serious. You need to look into this matter; otherwise, the situation will get out of control soon.
Ans
X 1. look up
X 2. look at
2. No substitution

X 4. look after

Question ID : 26433072295
Option 1 ID : 264330283485
Option 2 ID : 264330283484
Option 3 ID : 264330283487
Option 4 ID : 264330283486 Status : Answered
Q. 15 Select the most appropriate meaning of the given idiom. Keep a straight face
Ans
X 1. Become very confused
X 2. Get on extremely well with someone
3. Not laugh or change your expression even though you want to laugh
4. Make more of an effort
Q. 16 Select the option that can be used as a one-word substitute for the given group of words.

Huge fire for celebration
Ans
X 1. Campaign
2. Bonfire

X 3. Agenda
X 4. Crossfire
Q. 17 Identify the option that rectifies the spelling of the incorrectly spelt word in the given sentence.

The disadvantages of listening to music at a loud voluume include loss of hearing.
Ans
X 1. Lissening
2. Lose

X 3. Heering
4. Volume

Question ID : 26433089016
Option 1 ID : 264330349601
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 4 9 6 0 2}$
Option 3 ID : 264330349604
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 4 9 6 0 3}$ Status: Answered
Q. 18 Select the most appropriate synonym of the word 'disclosed' in the given sentence and choose the correct option.

The linguist's analysis of the language revealed patterns and structures that were previously unknown.
Ans
X 1. Linguist
X 2. Patterns
3. Revealed
4. Unknown
Q. 19 Select the INCORRECTLY spelt word.

Ans

1. Gllidder

X 2. Airplane
X 3. Helicopter
X 4. Ladybug

Question ID : 26433089011
Option 1 ID : 264330349582
Option 2 ID : 264330349581
Option 3 ID : 264330349583
Option 4 ID : 264330349584 Status : Answered

Chosen Option : 1
Q. 20 Select the most appropriate meaning of the underlined word.

We shouldn't blame or envy anyone.
Ans

1. Love
2. Jealousy
3. Curse
4. Reap

Question ID : 264330121038
Option 1 ID : 264330474361
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 7 4 3 6 2 ~}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 7 4 3 6 0}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 7 4 3 5 9}$ Status: Answered
Chosen Option: $\mathbf{3}$
Q. 21 Select the option that can be used as a one-word substitute for the given group of words.

Minimum people needed for a meeting
Ans
X 1. Forum
2. Quorum

X 3. Addendum
4. Decorum
Q. 22 Select the option that can be used as a one-word substitute for the given group of words.
Detailed list of goods dispatched with quantity and price to the purchaser.
Ans
X 1. Ledger
$X$ 2. Sales
X 3. Receipt
4. Invoice

## Q. 23 Select the grammatically correct sentence.

Ans

1. The simple mistake which was committed by the boy haunted her for years.
2. An simple mistake which was committed by the boy haunted her for years.
3. A simple mistake which was committed by an boy haunted her for years.
4. The simple mistake which was committed by an boy haunted her for years.
Q. 24 Select the most appropriate synonym of the given word.

## Vulnerable

Ans

1. Susceptible
2. Guarded
3. Amiable
4. Delectable
Q. 25 Select the most appropriate synonym of the given word.

## Benevolent

Ans

1. Generous
2. Innocent
3. Cruel
4. Wicked

Question ID : 264330163357
Option 1 ID : 264330640719
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 2 1}$
Option 3 ID : 264330640722
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 2 0}$
Status: Answered
Q. 26 In the following sentence, four words are underlined, out of which one word is incorrectly spelt. Identify the INCORRECTLY spelt word.
The ruins of many structures that still stand tall in their granduer are testimony to the fact that Mewar was not only the land of the courageous .
Ans
X 1. testimony
2. courageous
3. granduer
4. ruins
Q. 27 Select the option that can be used as a one-word substitute for the given group of words.

To criticise someone severely
Ans
X 1. Rate
X 2. Remonstrate
3. Chastise
4. Scoff
Q. 28 Select the most appropriate one-word substitution of the given group of words.

A state of intense happiness and self-confidence.
Ans

1. Euphoria
2. Intoxication
3. Touché
4. Oblivion

Question ID : 26433090855
Option 1 ID : 264330356832
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 5 6 8 3 0}$
Option 3 ID : 264330356829
Option 4 ID : 264330356831
Status: Answered
Q. 29 Select the option that can be used as a one-word substitute for the given group of words.

To make a low continuous vibratory sound expressing contentment (of a cat).
Ans
$\times 1$. To meow
2. To purr
3. To buzz
4. To roar

## Q. 30 Select the most appropriate meaning of the given idiom.

Face the music
Ans

1. To work every possible way to succeed
2. To accept punishment for some mistake which you have done
$\chi$ 3. To be cheated by someone you trust
3. To have the problems with money
Q. 31 Select the most appropriate idiom to fill in the blank.

I was going to mention it, but it
Ans
$X$ 1. brought to mind
X 2. changed my mind
$X$ 3. bore in mind
4. slipped my mind

Question ID : 264330163336
Option 1 ID : 264330640643
Option 2 ID : 264330640646
Option 3 ID : 264330640645
Option 4 ID : 264330640644
Status: Answered
Q. 32 Select the most appropriate phrasal verb to fill in the blank. Though Pradeep $\qquad$ for Jamaica, he landed up in Nigeria.
Ans
$X$ 1. set aside
2. set about
3. set out
4. set up

Question ID : 26433084919
Option 1 ID : 264330333400
Option 2 ID : 264330333398
Option 3 ID : 264330333399
Option 4 ID : 264330333397
Status: Answered
Chosen Option: 3
Q. 33 Select the most appropriate ANTONYM of the given word. Specific
Ans
X 1. Topple
X 2. Lawful
3. Random
4. Stroll
Q. 34 Select the most appropriate ANTONYM of the given word.

Beneficent
Ans

1. Cruel
$X$ 2. Lethargic
2. Soft
3. Friendly

Question ID : 264330163396
Option 1 ID : 264330640864
Option 2 ID : 264330640866
Option 3 ID : 264330640863
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 8 6 5}$
Status: Answered
Chosen Option : 1
Q. 35 Select the most appropriate meaning of the given idiom.

Grasping at straws
Ans $\quad$ 1. Trying to find the best way to compete with others when nothing you choose is likely to work
2. Trying to find some way to succeed when you see others are also doing the same
3. Trying to find some way to succeed when nothing you choose is likely to work

X 4. Trying to find manipulative ways to succeed

Question ID : 264330163431
Option 1 ID : 264330641001
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 9 9 9}$
Option 3 ID : 264330641002
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 1 0 0 0}$
Status: Not Attempted and
Marked For Review
Q. 36 Select the most appropriate ANTONYM of the given word.

Contempt
Ans
X 1. Mockery
X 2. Deny

- 3. Regard

X4. Immoral
Q. 37 Select the option that can be used as a one-word substitute for the given group of words.

No longer used because something new has been invented
Ans
X 1. Classic
X 2. Ancient
X 3. Ornamental
4. Obsolete

Question ID : 26433088196
Option 1 ID : 264330346378
Option 2 ID : 264330346380
Option 3 ID : 264330346379
Option 4 ID : 264330346377
Q. 38 Select the most appropriate idiom or phrase to complete the given sentence.

I like her because she never likes to make $\qquad$ -.

Ans
X 1. a slap on the wrist
2. a drop in the bucket
3. a bed of roses
4. a quick buck
Q. 39 Select the sentence that has a spelling error.

A- A fisherman, enfeebled with age, could no longer go out to sea so he began fishing in the river.
B- Every morning he would go down to the river and sit there fishing the whole day
long.
C- In the evening, he would sell whatever he had caught, buy food for himself and go home.
D- One hot afternoon, while he was bemoaning his fate, a large bird alited near him.
Ans

1. One hot afternoon, while he was bemoaning his fate, a large bird alited near him.
2. In the evening, he would sell whatever he had caught, buy food for himself and go home.
3. A fisherman, enfeebled with age, could no longer go out to sea so he began fishing in the river.
4. Every morning he would go down to the river and sit there fishing the whole day long.
Q. 40 Choose the most appropriate meaning of the underlined phrase.

Ram could not go to Delhi for vacation since he was banking_on his arrears of pay which he did not get in time
Ans
$\times 1$. Sloping on
X 2. Depending on his bank
X 3. Calling on
2. Relying on

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
When another old cave is discovered in the south of France, it is not (1) $\qquad$ in news.
Rather, it is an ordinary event. Such discoveries are so (2) $\qquad$ these days that hardly anybody pays heed to them. However, when the Lascaux cave complex was discovered in 1940, the world was (3) $\qquad$ Painted directly on its walls were hundreds of scenes showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images (4) $\qquad$ birds and, most noticeably, horses, which appear in more than 300 wall images, by far (5) $\qquad$ all other animals.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans
$X$ 1. suitably
X 2. nearly
X 3. merrily
4. usually

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
When another old cave is discovered in the south of France, it is not (1) $\qquad$ in news. Rather, it is an ordinary event. Such discoveries are so (2) $\qquad$ these days that hardly anybody pays heed to them. However, when the Lascaux cave complex was discovered in 1940, the world was (3) $\qquad$ . Painted directly on its walls were hundreds of scenes
showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images (4) $\qquad$ birds and, most noticeably, horses,
which appear in more than 300 wall images, by far (5) $\qquad$ all other animals.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans
$X$ 1. disorderly
2. frequent
$X$ 3. ghastly
$X$ 4. delusional

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
When another old cave is discovered in the south of France, it is not (1) $\qquad$ in news. Rather, it is an ordinary event. Such discoveries are so (2) $\qquad$ these days that hardly anybody pays heed to them. However, when the Lascaux cave complex was discovered in 1940, the world was (3) $\qquad$ . Painted directly on its walls were hundreds of scenes showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images (4) $\qquad$ birds and, most noticeably, horses, which appear in more than 300 wall images, by far (5) $\qquad$ all other animals.

SubQuestion No : 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans

1. baffled
2. overthrown

X 3. encouraged
X 4. crushed

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
When another old cave is discovered in the south of France, it is not (1) $\qquad$ in news. Rather, it is an ordinary event. Such discoveries are so (2) $\qquad$ these days that hardly anybody pays heed to them. However, when the Lascaux cave complex was discovered in 1940, the world was (3) $\qquad$ . Painted directly on its walls were hundreds of scenes
showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images (4) $\qquad$ birds and, most noticeably, horses,
which appear in more than 300 wall images, by far (5) $\qquad$ all other animals.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank number 4.

Ans
X 1. imprint
2. depict
$X$ 3. require
4. determine

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
When another old cave is discovered in the south of France, it is not (1) $\qquad$ in news. Rather, it is an ordinary event. Such discoveries are so (2) $\qquad$ these days that hardly anybody pays heed to them. However, when the Lascaux cave complex was discovered in 1940, the world was (3) $\qquad$ . Painted directly on its walls were hundreds of scenes showing how people lived thousands of years ago. The scenes show people hunting animals, such as bison or wild cats. Other images (4) $\qquad$ birds and, most noticeably, horses, which appear in more than 300 wall images, by far (5) $\qquad$ all other animals.

SubQuestion No : 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans

1. outnumbering
2. outsourcing

X 3. outlasting
×4. outreaching

## Comprehension:

Read the given passage and answer the questions that follow.
Climate policy must now put health at the centre and promote climate change mitigation policies that bring health benefits simultaneously. Health-focused climate policy would help bring about a planet that has cleaner air, more abundant and safer freshwater and food, more effective and fairer health and social protection systems and, as a result, healthier people. Investment in clean energy will yield health gains that repay those investments twice over. There are proven interventions able to reduce emissions of short-lived climate pollutants, for instance applying higher standards for vehicle emissions, which have been calculated to save approximately 2.4 million lives per year, through improved air quality and reduce global warming by about $0.5^{\circ} \mathrm{C}$ by 2050. The cost of renewable sources of energy has decreased significantly in the last few years, and solar energy is now cheaper than coal or gas in most major economies.

SubQuestion No : 46
Q. 46 What is the ANTONYM for the word 'intervention', from the passage?

Ans

1. Specific
2. Evidence
3. Non-involvement

X 4. Data
Question ID : $\mathbf{2 6 4 3 3 0 1 3 6 0 3 0}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 3 9}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 4 2}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 4 1}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 4 0}$
Status: Answered
osen Option : $\mathbf{3}$

## Comprehension:

Read the given passage and answer the questions that follow.
Climate policy must now put health at the centre and promote climate change mitigation policies that bring health benefits simultaneously. Health-focused climate policy would help bring about a planet that has cleaner air, more abundant and safer freshwater and food, more effective and fairer health and social protection systems and, as a result, healthier people. Investment in clean energy will yield health gains that repay those investments twice over. There are proven interventions able to reduce emissions of short-lived climate pollutants, for instance applying higher standards for vehicle emissions, which have been calculated to save approximately 2.4 million lives per year, through improved air quality and reduce global warming by about $0.5^{\circ} \mathrm{C}$ by 2050 . The cost of renewable sources of energy has decreased significantly in the last few years, and solar energy is now cheaper than coal or gas in most major economies

SubQuestion No : 47
Q. 47 What is the ANTONYM for the word 'promote', from the passage?

Ans
$X$ 1. Conduct
2. Obstruct
$X$ 3. Invade
$X 4$. Exclude

## Comprehension:

Read the given passage and answer the questions that follow.
Climate policy must now put health at the centre and promote climate change mitigation policies that bring health benefits simultaneously. Health-focused climate policy would help bring about a planet that has cleaner air, more abundant and safer freshwater and food, more effective and fairer health and social protection systems and, as a result, healthier people. Investment in clean energy will yield health gains that repay those investments twice over. There are proven interventions able to reduce emissions of short-lived climate pollutants, for instance applying higher standards for vehicle emissions, which have been calculated to save approximately 2.4 million lives per year, through improved air quality and reduce global warming by about $0.5^{\circ} \mathrm{C}$ by 2050. The cost of renewable sources of energy has decreased significantly in the last few years, and solar energy is now cheaper than coal or gas in most major economies.

SubQuestion No : 48
Q. 48 Which of the following represents the structure of the passage?

Ans

1. Chronology
2. Critique
3. Problem-solution
4. Definition
Question ID : $\mathbf{2 6 4 3 3 0 1 3 6 0 2 9}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 3 6}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 3 7}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 3 8}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 3 2 9 3 5}$
Status: Answered
cosen Option: $\mathbf{3}$

## Comprehension:

Read the given passage and answer the questions that follow.
Climate policy must now put health at the centre and promote climate change mitigation policies that bring health benefits simultaneously. Health-focused climate policy would help bring about a planet that has cleaner air, more abundant and safer freshwater and food, more effective and fairer health and social protection systems and, as a result, healthier people. Investment in clean energy will yield health gains that repay those investments twice over. There are proven interventions able to reduce emissions of short-lived climate pollutants, for instance applying higher standards for vehicle emissions, which have been calculated to save approximately 2.4 million lives per year, through improved air quality and reduce global warming by about $0.5^{\circ} \mathrm{C}$ by 2050 . The cost of renewable sources of energy has decreased significantly in the last few years, and solar energy is now cheaper than coal or gas in most major economies

SubQuestion No : 49
Q. 49 Which of the following most accurately states the central idea of the passage?

Ans $\times 1$. Greenhouse gases
X 2. Pollution
3. Climate policy for health
4. Fossil fuels

## Comprehension:

Read the given passage and answer the questions that follow.
Climate policy must now put health at the centre and promote climate change mitigation policies that bring health benefits simultaneously. Health-focused climate policy would help bring about a planet that has cleaner air, more abundant and safer freshwater and food, more effective and fairer health and social protection systems and, as a result, healthier people. Investment in clean energy will yield health gains that repay those investments twice over. There are proven interventions able to reduce emissions of short-lived climate pollutants, for instance applying higher standards for vehicle emissions, which have been calculated to save approximately 2.4 million lives per year, through improved air quality and reduce global warming by about $0.5^{\circ} \mathrm{C}$ by 2050. The cost of renewable sources of energy has decreased significantly in the last few years, and solar energy is now cheaper than coal or gas in most major economies.

SubQuestion No : 50
Q. 50 Which is the best description of the tone of the passage?

Ans $\times 1$. Biased
X 2. Cynical
X 3. Technical
4. Humanistic

## Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone Chikalthana |
| Exam Date | 04/10/2023 |
| Exam Time | 9:00 AM - 11:00 AM |
| Subject | SICPO Paper I 2023 |

Section: General Intelligence and Reasoning
Q. 1 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.
Ans
(1. NQST
2. GTHS
3. PSUV
4. SVXY
Q. 2 Three statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with
commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some elephants are fishes.
No fish is a tiger.
All deer are tigers.
Conclusions:
I. Some elephants are deer.
II. No elephant is a tiger.
III. No deer is a fish.

Ans

1. Only conclusion III follows.
2. Both conclusions I and III follow.
3. Both conclusions I and II follow.
4. Only conclusion II follows.
Q. 3 Select the figure that will come next (?) in the following series.


Ans
$\times 1$

X 2

$\times 3$

v 4.

Q. 4 Six friends are sitting in a circle. All of them are facing the centre. Kanak sits third to the right of Sona. Kapil is an immediate neighbour of Mani. Goldy sits second to the right of Mani. Sona is an immediate neighbour of Kapil and Suresh. Who sits second to the left of Kanak?
Ans
X 1. Suresh
2. Kapil

X 3. Goldy
X4. Mani
Q. 5 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. All buildings are towers.
II. No tower is a shop.
III. Some shops are offices.

Conclusions:
I. Some offices are towers.
II. No building is a shop.

Ans $\times 1$. Both conclusions I and II follow
X 2. Only conclusion I follows
2. Only conclusion II follows

X 4. Neither conclusion I nor II follows
Q. 6 Which of the following numbers will replace the question mark (?) in the given series? 239, 274, 309, 354, 399, 454, ?
Ans

1. 499
2. 474
-3.539
3. 509

Question ID : 26433067874
Option 1 ID : 264330266011
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 6 6 0 0 9}$
Option 3 ID : 264330266008
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 6 6 0 1 0}$ Status: Answered
Chosen Option: 1
Q. 7 If ‘ + ’ means ' - ’, ‘ - ’ means ' $x$ ’, ' $x$ ’ means ‘ $\div$ ’ and ‘ $\div$ ’ means ' + ', what will come in place of '?' in the following equation?
36-5 $\mathbf{5} \mathbf{2 4 0 \times 6 + 1 7 = \text { ? }}$
Ans

- 1.218

2. 221
3. 203
4. 237
Q. 8 If A, B, C, D and E denote,,$+- \times, \div$ and $=$, respectively, then which of the following options is correct?

Ans

1. 4A9C6D2E40A9
2. 4A9C6D2B40E9
3. 4 A 9 C 6 D 2 E 40 B 9
4. 4A9E6D2C40B9
Q. 9 Which of the following numbers will replace the question mark (?) in the given series? $25,26,28,32,40$, ?

Ans
$\times 1.50$
2. 56
< 3.58
4.52
Q. 10 Which letter-cluster will replace the question mark (?) to complete the given series? VQSN, ?, ROOL, PNMK, NMKJ
Ans
X 1. PQMN
2. TPQM

- 3. PTMQ

4. TQRN
Q. 11 If '+' means ' $\times$ ', ' $x$ ' means ' - ', '-' means ' $\div$ ' and ' $\div$ ' means ' + ', then what will come in place of the (?) in the following equation?
$9+3 \div 2 \times 135-15=$ ?
Ans
5. 22
6. 25
7. 18.5
8. 20

Question ID: 264330114255
Option 1 ID : 264330449107
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 9 1 0 8}$
Option 3 ID : 264330449106
Option 4 ID : 264330449105
Status: Answered
Q. 12 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Realistic
2. Readily
3. Reach
4. Really
5. Reactor
6. Realize

Ans
X 1.3,5,1,2,6, 4

- 2. 3, 5, 2, 1, 6, 4

X 3.3, 2, 6, 1, 5, 4
X4.3,5,6,1,2, 4

Question ID : 264330145383
Option 1 ID : 264330569790
Option 2 ID : 264330569787
Option 3 ID : 264330569789
Option 4 ID : 264330569788
Q. 13 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Derive : Infer :: Urge : ?
Ans
X 1. Protest
$X$ 2. Hinder
X 3. Censure
4. Exhort
Q. 14 Select the correct mirror image of the given figure when the mirror is placed at line $M N$ as shown.


Ans
$\times 1$

$\times 2$.

$\checkmark 3$.

$\times 4$

Q. 15 'D @ G' means ' $D$ is the father of G',
' $D$ \# G' means ' $D$ is the daughter of $G$ ',
' $D$ * $G$ ' means ' $D$ is the mother of $G$ ', and
' $D-G$ ' means ' $D$ is the husband of $G$ '.
If $A-Q$ * $B @ R$, how is $A$ related to $R$ ?
Ans
X1. Father
X 2. Husband
3. Son
4. Father's father
Q. 16 If A denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation?
145 A 27 D 3 B ? = 163
Ans
X1.1

- 2.2
$\times 3.3$
$\times 4.6$

Question ID : 26433067673
Option 1 ID : 264330265204
Option 2 ID : 264330265206
Option 3 ID : 264330265207
Option 4 ID : 264330265205
Status: Answered
Q. 17 In a certain code language, 'LIFE' is coded as ' 9351 ' and 'NEAR' is coded as ' 4692 '.

What is the code for ' $E$ ' in the given code language?
Ans
X1.3
$\times 2.4$
$\times 3.1$

- 4.9

Question ID : 264330169657
Option 1 ID : 264330665329
Option 2 ID : 264330665328
Option 3 ID : 264330665330
Option 4 ID : 264330665327
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 18 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ' $x$ ' means ' $\div$ ', ‘ $\div$ ' means ' + ', then what will come in place of the question mark (?) in the following equation? $124 \times 4 \div 13-3+36=$ ?
Ans
$\times 1.31$

- 2.34
$\times 3.45$
4.42
Q. 19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below

BK\$6GHX|
Ans




Q. 20 In a certain code language, 'FIRE' is coded as ' 7391 ' and 'AGED' is coded as ' 8247 '. What is the code for ' $E$ ' in the given code language?

Ans
$\times 1.2$
2.7
$\times 3.4$
4.3
Q. 21 A man is standing in the park facing North. He turns to $90^{\circ}$ towards the left and walks 40 km . He again takes a $90^{\circ}$ turn towards the right and walks $50 \mathrm{~km} . \mathrm{He}$ takes the next $90^{\circ}$ turn towards the right and walks 60 km . Lastly, he takes $90^{\circ}$ turn towards the right and walks 50 km . How much distance is he from the starting point?
Ans
1.40 km
$\times 2.60 \mathrm{~km}$
3.50 km
4.20 km
Q. 22 If the given sheet is folded to form a cube, which of the following figures is NOT possible?

| $\&$ |  |  |  |
| :--- | :--- | :--- | :--- |
|  | t | n | k |
| $\mathbf{M}$ |  |  |  |

Ans
$\times 1$.

$\times 2$

< 3.

4.

Q. 23 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All cars are vehicles.
All vehicles are trucks.
Conclusions:
I) All cars are trucks.
II) All trucks are vehicles.

Ans

1. Neither Conclusion I nor II follows
2. Only Conclusion I follows.

X 3. Only Conclusion II follows.
X 4. Both Conclusions I and II follow
Q. 24 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.
$\mathrm{P}_{--} \mathrm{H}_{-} \mathrm{CE} \mathrm{E}_{-} \mathrm{ZP}_{-} \mathrm{EH} \mathrm{H}_{-}$
Ans
. HZCZPEC
2. CEZPHCZ

X3. ZCHPZCE
X4. EPZCHEC
Q. 25 Select the figure that will replace the question mark (?) in the following figure series.


Ans

Q. 26 Select the set in which the number are related in the same way as the numbers of the given sets. (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(13,14,54)$
$(15,18,66)$
Ans

1. $(11,13,52)$
2. $(15,17,66)$
3. $(13,19,64)$
4. $(12,34,90)$
Q. 27 Select the number from among the given options that can replace the question mark (?) in the following series.
61, 95, 138, 197, 279, ?
Ans
5. 397

- 2.389

3. 391
4.395
Q. 28 Which letter-cluster will replace the question mark (?) to complete the given series? GOWB, MVEK, SCMT, ?, EQCL
Ans
4. YJUC

X 2. YJCU
X 3. YKUC
X 4. YKCU
Q. 29 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(21,5,120)$
$(2,7,8)$
Ans

1. $(3,4,10)$

X $2 .(3,4,16)$
X $3 .(2,6,21)$
X4. $(4,7,34)$
Q. 30 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
142: 108 :: 185 : ? :: 169 : 135
Ans

- 1.157

X2. 148

- 3.151
$\times 4.162$

Question ID : 26433079157
Option 1 ID : 264330310635
Option 2 ID : 264330310632
Option 3 ID : 264330310633
Option 4 ID : 264330310634
Status: Answered
Chosen Option: 3
Q. 31 In a certain code language, 'TRAUMA' is coded as ' 36 ' and 'STIL' is coded as ' 24 '. How will 'OBEIDEINT' be coded in that language?
Ans

1. 54
2. 84
$\times 3.44$
3. 72
Q. 32 Which of the following numbers will replace the question mark (?) in the given series? 352, 326, 284, 225, 148, ?
Ans

- 1.71

2. 54
3. 52
4. 50

Question ID : 26433069399
Option 1 ID : 264330272109
Option 2 ID : 264330272110
Option 3 ID : 264330272108
Option 4 ID : 264330272111 Status: Answered
Chosen Option : $\mathbf{3}$
Q. 33 A cube is made by folding the given sheet. In the cube so formed, what would be the number on the opposite side of the number ' 1 '?


Ans

- 1.2
- 2.5
- 3.3
4.4
Q. 34 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans
X 1. ZSNK
2. VOJG
3. WNDD
4. TMHE
Q. 35 A paper is folded and cut as shown. How will it appear when unfolded?


Ans

$\times 2$.

$\times 3$.

$\times 4$

Q. 36 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(329, 145, 184), (567, 221, 346)
Ans
X $1 .(308,205,192)$
X 2. $(506,302,224)$
3. $(676,225,451)$

X4. $(464,264,206)$
Q. 37 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.


Ans

Q. 38 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north (not necessarily in the same order). Only 2 people sit to the right of D . G is an immediate neighbour of D. Only 3 people sit between A and G. Only 2 people sit between B and C.
$E$ is not an immediate neighbour of $C$. $F$ sits to the immediate right of $G$.
How many people sit between $E$ and $D$ ?
Ans
$\times 1.0$

- 2.1
$\times 3.3$
$\times 4.2$
Q. 39 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).


Ans
$\times 1$

$\times 2$.

$\times 3$.


- 4

Q. 40 B is west of $E$. $A$ is north-west of $B$. $F$ is north-east of $B$. $D$ is south-east of $F$, such that $F$ is north-west of $E$ and $D$ is south-east of $E$ as well. If $C$ is south-west of $E$, what is the position of A with respect to E? (All positions are arranged in GRID pattern)
Ans

1. South-east
2. North-east
3. South-west
4. North-west
Q. 41 A paper is folded and cut as shown. How will it appear when unfolded?


Ans

Q. 42 In a certain code language, 'ASIA' is written as 'ZHRZ' and 'IRELAND' is written as 'RIVOZMW'. How will 'NORWAY' be written in that language?

Ans

1. NLISZB
2. MLIDZB
3. NJIDZB
4. MJIDZB
Q. 43 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ‘ $x$ ' means ' $\div$ ', ‘ $\div$ ' means ' + ', then what will come in place of the question mark (?) in the following equation?
$61 \div 9 \times 3-8+5=$ ?
Ans
5. 80
6. 75
7. 89
8. 72
Q. 44 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
Some rats are mats.
All mats are ants.
Conclusions:
I. Some rats are ants.
II. Some ants are mats.

Ans

1. Both the conclusions follow
2. Neither conclusion I nor II follows
3. Only conclusion II follows
4. Only conclusion I follows
Q. 45 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans
$\times 1$


- 2. 


$\times 3$

$\times 4$

Q. 46 Which two signs should be interchanged to make the given equation correct?
$114 \div 85+5 \times 4-33=149$
Ans

1. $\div$ and +

X 2. $\div$ and -
X $3 .+$ and $\times$
4. - and +
Q. 47 In a certain code language, 'good morning' is coded as 'mu du', 'early morning tea' is coded as 'du tu se', 'tea is early' is coded as 'se re tu'. What is the code for the word 'is'?

Ans
X 1. mu
2. tu
3. du
4. re

Question ID : 26433074766
Option 1 ID : 264330293154
Option 2 ID : 264330293155
Option 3 ID : 264330293152
Option 4 ID : 264330293153
Status: Answered
Q. 48 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Voice
2.Vocalist
3.Vivisection
4.Void
5.Vogue

Ans

1. $3,2,5,1,4$
(2.5,2,3,1, 4
2. $2,3,5,1,4$
3. 4, 2, 3, 1, 5

Question ID: 26433067244
Option 1 ID : 264330263489
Option 2 ID : 264330263488
Option 3 ID : 264330263490
Option 4 ID : 264330263491
Status: Answered
Chosen Option: 1
Q. 49 ' $A$ ? $B$ ' means ' $A$ is the son of $B$ '.
' $A \$ B$ ' means ' $A$ is the daughter of $B$ '.
' $A$ * $B$ ' means ' $A$ is the brother of $B$ '.
' $A=B$ ' means ' $A$ is the father of $B$ '.
If $\mathrm{H} \$ \mathbf{Q}^{*} \mathrm{Y}^{*} \mathrm{~N}$, then how is Y related to H ?
Ans

1. Father
2. Brother
3. Father's brother
4. Father's father
Q. 50 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Wrestling : Arena :: Ice-Skating : ?
Ans
> 1. Track
5. Rink
6. Stadium
7. Ground

Section: General Knowledge and General Awareness
Q. 1 The Karewa formations are found in the $\qquad$ -
Ans
X 1. North Eastern Hills
X 2. Terai Region
X 3. Uttaranchal Himalayas
4. Kashmir Himalayas

Question ID : 264330119795
Option 1 ID : 264330469458
Option 2 ID : 264330469457
Option 3 ID : 264330469456
Option 4 ID : 264330469455
Status : Not Answered
Chosen Option : --
Q. 2 In which part of the Constitution are fundamental duties added?

Ans
X 1. Part III-B
X 2. Part II-B
X 3. Part I-A
4. Part IV-A
Q. 3 Who among the following applied European theatrical techniques to Indian Classical dance with folk and tribal dance?

Ans

1. Guru Bipin Singh
2. Uday Shankar
3. Birju Maharaj
4. Kelucharan Mohapatra

Question ID : 264330145163
Option 1 ID : 264330568910
Option 2 ID : 264330568909
Option 3 ID : 264330568908
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 0 7}$
Status: Answered
Q. 4 Ravana Phadi cave and Durga Temple at Aihole portray the architectural style of which dynasty?

Ans

1. Chalukya
2. Pallava
3. Hoysala
4. Vijaynagara
Q. 5 Read the given statements and select the correct option.
i) The Governor is the real head of the State Government.
ii) The Chief Minister plays a key role in framing the laws and policies of the state government.
iii) Governor of a State is appointed by the President.

Ans

1. Both i and ii
2. Only ii
3. Both ii and iii
4. Only i
Q. 6 What do you call the drugs that bind to the receptor site and inhibit its natural function?

Ans

1. Antagonists
2. Depressants
3. Antidepressants
4. Agonist

Question ID : 264330145208
Option 1 ID : 264330569088
Option 2 ID : 264330569087
Option 3 ID : 264330569090
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 9 0 8 9}$
Status : Not Answered
Chosen Option:--
Q. 7 What is the dimension of the kabaddi play field for men?

Ans
X1. $14 \mathrm{~m} \times 10 \mathrm{~m}$
2. $14 \mathrm{~m} \times 8 \mathrm{~m}$

X $3.12 .50 \mathrm{~m} \times 10 \mathrm{~m}$
d. $43 \mathrm{~m} \times 10 \mathrm{~m}$

Question ID : 264330118471
Option 1 ID : 264330465288
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 6 5 2 8 7}$
Option 3 ID : 264330465285
Option 4 ID : 264330465286
Status: Answered
Chosen Option : 2
Q. 8 In Which year did the Ministry of Health and Family Welfare of India launch the Weekly Iron and Folic Acid Supplementation (WIFS) program to meet the challenge of high prevalence and incidence of anaemia among adolescent girls and boys ( $56 \%$ girls and 30\% boys)?
Ans
X 1.2013
X2. 2011
X 3.2014
4. 2012
Q. 9 Who among the following was the successor of Mughal emperor Shahjahan to the throne?

Ans
X 1. Shah Shuja
2. Aurangzeb
3. Murad Bakhsh
4. Dara Shikoh

## Q. 10 Who is the ex-officio Chairman of the Rajya Sabha?

Ans

1. Vice President

X 2. Prime Minister
X 3. President
X 4. Attorney General of India

Question ID : 264330113417
Option 1 ID : 264330445755
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 5 7 5 4}$
Option 3 ID : 264330445753
Option 4 ID : 264330445756
Status: Answered
Chosen Option: 1
Q. 11 What is the full form of RIDF?

Ans

1. Rural Infrastructure Development Forum
2. Road Infrastructure Development Fund
3. Rural Infrastructure Development Fund
4. Rural Industries Development Fund

Question ID : 264330112515
Option 1 ID : 264330442146
Option 2 ID : 264330442145
Option 3 ID : 264330442148
Option 4 ID : 264330442147
Q. 12 Tansen, the music legend was a courtier in which of the following courts before coming to Akbar?

Ans

1. Benaras
2. Gandhara
3. Rewa
4. Maghad
Q. 13 How many fundamental rights were provided originally by the Indian Constitution in 1950?

Ans

1. Seven
2. Six
3. Nine
4. Five

Question ID : 264330113393
Option 1 ID : 264330445658
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 5 6 5 7}$
Option 3 ID : 264330445659
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 4 5 6 6 0}$ Status: Answered
Chosen Option : 1
Q. 14 The five-year plans in India laid down not only specific objectives to be attained in the five years of a plan, but also what was to be achieved over a period of 20 years. This long-term plan is called a $\qquad$ -.
Ans

1. perspective plan
2. twenty-year plan
3. two-decade plan
4. perpetual plan
Q. 15 Who among the following is the author of the book 'On Writing: A Memoir of the Craft'?
Ans
X 1. F Scott Fitzgerald
X 2. Ernest Hemingway
5. Stephen King

X 4. Clive Staples Lewis
Q. 16 What was the target growth rate of the Indian economy in the second five-year plan?

Ans
X 1.6.7\%
X 2. 2.8\%
X 3.5.4\%
4.4.5\%

Question ID : 264330145230
Option 1 ID : 264330569176
Option 2 ID : 264330569175
Option 3 ID : 264330569178
Option 4 ID : 264330569177 Status : Answered

Chosen Option: 3
Q. 17 Who among the following was the first president of IOC?

Ans

1. Lord Killanin
2. Pierre, Baron de Coubertin
3. Demetrius Vikelas
4. Avery Brundage

Question ID : 26433059387
Option 1 ID : 264330232417
Option 2 ID : 264330232416
Option 3 ID : 264330232418
Option 4 ID : 264330232419
Q. 18 In which process is a solid substance volatilised by heating and the vapour is condensed back to the solid at a cold surface?

Ans

1. Chromatography
2. Filtration
3. Distillation
4. Sublimation
Q. 19 The Olympic Winter Games 2026 would be played in $\qquad$ -
Ans
X 1. Brisbane
5. Los Angeles
6. Milano Cortina
7. Paris
Q. 20 Which ports belong to the western coast of India?

Ans
X 1. Kandla port, Mormugao port, Kolkata port
2. Kandla port, Mormugao port, Kochi port

X 3. Kandla port, Mormugao port, Chennai port
4. Kandla port, Haldia port, Kochi port

Question ID : 264330132716
Option 1 ID : 264330519961
Option 2 ID : 264330519959
Option 3 ID : 264330519962
Option 4 ID : 264330519960 Status: Answered
Chosen Option : 2
Q. 21 Who among the following was the Vice President of the Interim Government formed by Congress in 1946 ?
Ans

1. Vallabhbhai Patel
2. Baldev Singh
3. John Matthai
4. Jawaharlal Nehru

Question ID : 264330112356
Option 1 ID : 264330441509
Option 2 ID : 264330441511
Option 3 ID : 264330441512
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 4 1 5 1 0}$ Status: Answered
Chosen Option : 2
Q. 22 Which east-flowing river basin covers the states of Jharkhand, Chhattisgarh and Orissa and has a Drainage area of 39,033 sq km?
Ans

1. Baitarni
2. Brahmani

X 3. Nagavali
4. Sarada

## Q. 23 Which of the following statements is NOT true for Indian monsoons?

Ans

1. Monsoonal rainfall is affected by jet streams
2. Monsoonal rainfall is the lifeline of Indian agriculture
3. Himalayas play an important role in monsoonal rainfall
4. Monsoonal rainfall is not affected by the relief features of the country
Q. 24 Who among the following has written the biography of Buddha, Buddhacharita?

Ans
X 1. Vasumitra
X 2. Charaka
3. Ashvaghosha

X4. Nagarjuna

Question ID : 264330165578
Option 1 ID : 264330649391
Option 2 ID : 264330649394
Option 3 ID : 264330649393
Option 4 ID : 264330649392 Status : Answered

Chosen Option : 4
Q. 25 How many fundamental rights were there at the time of adoption of the Indian Constitution?
Ans

1. Seven

X 2. Five
X 3. Six
4. Eight
Q. 26 Linthoi Chanambam is associated with which of the following sports events?

Ans
X 1. Cricket
2. Chess
3. Badminton

- 4. Judo

Question ID : 264330109688
Option 1 ID : 264330431030
Option 2 ID : 264330431032
Option 3 ID : 264330431031
Option 4 ID : 264330431029

Chosen Option : $\mathbf{4}$
Q. 27 In 1957, who redefined a model that predicted the shape of individual molecules based on the extent of electron-pair electrostatic repulsion?

Ans

1. Nyholm and Gillespie
2. Heitler and London
3. Staudinger and Perey

X 4. Marcet and Pauling
Q. 28 In which of the following states is Bonalu festival celebrated?

Ans

1. Jharkhand
2. Gujarat
3. Telangana
4. Uttar Pradesh

Question ID : 26433064691
Option 1 ID : 264330253356
Option 2 ID : 264330253359
Option 3 ID : 264330253357
Option 4 ID : 264330253358 Status : Answered

Chosen Option : 1
Q. 29 Who among the following designed a campaign that came to be known as the 'Rowlatt Satyagraha'?
Ans

1. Mahatma Gandhi
2. Feroze Shah Mehta
3. Mahadev Govind Ranade
4. Bal Gangadhar Tilak

Question ID : 264330106610
Option 1 ID : 264330418743
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 1 8 7 4 4}$
Option 3 ID : 264330418742
Option 4 ID : 264330418741
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 30 Asad Ali Khan was known for playing which of the following Indian instruments?

Ans

1. Sitar
2. Tabla
3. Rudra Veena
4. Violin

Option 1 ID : 264330293366
Option 2 ID : 264330293364
Option 3 ID : 264330293367
Option 4 ID : 264330293365
Q. 31 Recoveries of loans and advances, borrowings, are an example of $\qquad$ .
Ans

1. non-tax receipts
2. capital receipts
3. revenue receipts
4. tax receipts
Q. 32 Thullal dance originated in which of the following states?

Ans
X 1. Uttarakhand
2. Kerala
3. Manipur
4. Gujrat

Question ID : 264330164795
Option 1 ID : 264330646307
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 0 8}$
Option 3 ID : 264330646310
Option 4 ID : 264330646309 Status : Answered

Chosen Option : 2
Q. 33 Which winds blow across the Asian continent at latitudes north of the Himalayas roughly parallel to the Tibetan highlands?
Ans

1. Trade winds
2. Southwest winds
3. Jet streams
4. Northwest winds

Question ID : 26433064771
Option 1 ID : 264330253679
Option 2 ID : 264330253678
Option 3 ID : 264330253677
Option 4 ID : 264330253676
Status: Answered
Chosen Option : 1
Q. 34 What is the name of the Comprehensive Household Survey providing labour force statistics in India, which was first conducted in 1955?
Ans

1. Periodic Labour Force Survey (PLFS)
2. Employment-Unemployment Survey (EUS)

X 3. Quarterly Employment Survey (QES)
4. Area Frame Establishment Survey (AFES)
Q. 35 During the British rule in India, which of the following Governor Generals devised the 'Doctrine of Lapse', a policy of annexation?
Ans

1. Lord Cornwallis
2. Lord Canning
3. Warren Hastings
4. Lord Dalhousie
Q. 36 Which compound structure includes a saturated short-chain fatty acid with 4-carbon molecules, commonly found in esterified form in animal fats and plant oils?

Ans

1. Butyric acid
2. Propionic acid
3. Succinic acid
4. Lactic acid

Question ID : 264330110056
Option 1 ID : 264330432503
Option 2 ID : 264330432502
Option 3 ID : 264330432501
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 3 2 5 0 4}$
Status : Not Answered
Q. 37 In June $\qquad$ , the Reserve Bank of India published a 'Consultative Document on Regulation of Microfinance'.

Ans

1. 2021
2. 2019
3. 2022
4. 2020

## Q. 38 What amount of 'Seed Capital' is provided as support to a Self-Help Group under the

 Pradhan Mantri Formalisation of Micro Food Processing Enterprises Scheme?Ans
X1. ₹20,000
2. ₹ 30,000
3. ₹50,000
4. ₹ 40,000
Q. 39 The Beating Retreat ceremony is held at which of the following places?

Ans

1. Chandni Chowk
2. Connaught Place

X 3. India Gate
4. Vijay Chowk
Q. 40 Soparrkar and the logo of his worldwide initiative 'Dance for a Cause' are being printed on an official postage stamp issued by the $\qquad$ government.
Ans

1. Bangladesh
2. Sri Lanka
3. Bhutan
4. Nepal

Question ID : 26433054506
Option 1 ID : 264330213010
Option 2 ID : 264330213011
Option 3 ID : 264330213009
Option 4 ID : 264330213008
Status : Not Answered
Chosen Option : --
Q. 41 Who among the following Bahmani sultans transferred his capital from Gulbarga to Bidar?
Ans
X 1. Humayun
2. Mujahid Shah
3. Ahmad Shah

X4. Firuz Shah

Question ID : 264330109015
Option 1 ID : 264330428340
Option 2 ID : 264330428338
Option 3 ID : 264330428339
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 2 8 3 3 7}$
Status: Not Answered
Chosen Option : --
Q. 42 In which of the following cases the Supreme Court, while laying out the 'basic structure' of the Constitution held that the democratic character of the polity was an essential component of the 'basic structure'?
Ans
X 1. Sajjan Singh vs State of Rajasthan
2. Kesavananda Bharati vs State of Kerala
3. Romesh Thappar vs State of Madras
4. A K Gopalan vs State of Madras
Q. 43 In 2015, the eminent danseuse and $\qquad$ exponent, Padma Subrahmanyam was selected for Kerala's prestigious choreography award 'Nishagandhi Puraskaram' instituted by the state tourism department.
Ans
X 1. Kathakali
X 2. Sattriya
3. Bharatanatyam

X4. Kuchipudi

Question ID : 26433054509
Option 1 ID : 264330213021
Option 2 ID : 264330213023
Option 3 ID : 264330213022
Option 4 ID : 264330213020
Status: Answered
Q. 44 What do you call the fluid matrix filling in the cell?

Ans
X 1. Ribosome
2. Plasmid
3. Cytoplasm
4. Golgi bodies
Q. 45 'A Grain Of Sand In The Hourglass of Time' is an autobiography of which Indian politician?
Ans
X 1. IK Gujral
2. Arjun Singh

X 3. Manmohan Singh
4. LK Advani
Q. 46 Which odourless, colourless, tasteless and chemically unreactive gas was invented by Daniel Rutherford in 1772 and was independently isolated at the same time by CW Scheele and H Cavendish?
Ans

1. Nitrogen
2. Argon
3. Fluorine
4. Oxygen
Q. 47

2005 is referred to as the 'Right to Work' as it guaranteed 100 days of employment in a year by the Indian Government to people who are in need of and who are able to do work.
Ans
X 1. Mahatma Gandhi Regional Employment Guarantee Act
2. Mahatma Gandhi Rural Employment Act
3. Mahatma Gandhi National Rural Employment Guarantee Act

X 4. Mohan Gandhi Regional Guarantee Act
Q. 48 In which year did Albert Einstein predict a new state of matter, the Bose-Einstein condensate (BEC), based on a quantum formulation by the Indian physicist Satyendra Nath Bose?
Ans

1. 1919
2. 1935
3. 1924
4. 1930
Q. 49 The main function of centriole is:

Ans $\quad$ 1. to help plant cell for multiplication
2. to help cell division in animal cell
3. to maintain rigidity in plant cell
4. to maintain mineral composition in bacterial cell

Question ID : 26433082209
Option 1 ID : 264330322672
Option 2 ID : 264330322669
Option 3 ID : 264330322671
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 2 2 6 7 0}$
Status : Not Answered
Chosen Option : --
Q. 50 How many planets are terrestrial planets?

Ans
$\times 1.3$
2. 6
3. 4
4. 5

Question ID : 264330113351
Option 1 ID : 264330445489
Option 2 ID : 264330445492
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 4 5 4 9 0}$
Option 4 ID : 264330445491

## Section : Quantitative Aptitude

Q. 1 The total surface area of a square-based right pyramid is $1536 \mathrm{~m}^{2}$, of which $37.5 \%$ is the area of the base of the pyramid. What is the volume (in $\mathrm{m}^{3}$ ) of this pyramid?
Ans
X 1.3048
2. 3072
3. 3144
4. 3108
Q. 2 If $\sin A+\sin ^{2} A=1$, then the value of $\cos ^{4} A+\cos ^{6} A$ is:

Ans $\quad X 1 . \cos A$
2. $\sin A$
$\times 3.1$
4.0

Question ID : 264330157757
Option 1 ID : 264330618388
Option 2 ID : 264330618387
Option 3 ID : 264330618389
Option 4 ID : 264330618390 Status : Not Answered
Q. 3 The radius of a circle is 1.75 cm . What is the circumference of the circle?
(Take $\pi=\frac{22}{7}$ )
Ans
$\times 1.5 .5 \mathrm{~cm}$
2. 11 cm
3. 9.63 cm
4. 22 cm

Question ID : 264330165442
Option 1 ID : 264330648848
Option 2 ID : 264330648847
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 8 8 5 0}$
Option 4 ID : 264330648849 Status: Answered
Q. 4 Let the HCF of $m$ and $n$ be ' $a$ ' and let $n=a b$, LCM of $m$ and $n$ is given by:

Ans

1. bm
2. $a m$
3. ab
4. mn
Q. 5 Study the given pie-chart and answer the question that follows.

The pie-chart shows the number of students (boys and girls) studying in standard 10 of various schools (X, Y, Z in the year 2022).


What is the difference between the total number of students (boys and girls) in school Y and Z together and the total number of students (boys and girls) in school X and Y together?

Ans

1. 720
2. 840
3. 780
4. 820

Option 1 ID : 264330620470
Option 2 ID : 264330620467
Option 3 ID : 264330620469
Option 4 ID : 264330620468
Q. 6 The radius of the base of a right circular cone is 5 cm . Its slant height is 13 cm .

What is its volume (in $\mathrm{cm}^{3}$, rounded off to 1 decimal place)? (Take $\pi=\frac{22}{7}$ )
Ans

1. 328.6
2. 323.4
3. 314.3
4. 340.5
Q. 7 A sum of money was invested at $10 \%$ interest per year, compounded half-yearly, for 18 months. If the amount payable on maturity was ₹ 64,827 , what was the sum invested?

Ans

1. ₹55,600
2. ₹ 56,000
3. ₹56,800
4. ₹56,500
Q. 8 Let $C$ be a circle with centre $O$ and radius 5 cm . Let $P Q$ be a tangent to the circle and $A$ be the point of tangency. Let $B$ be a point on $P Q$ such that the length of $A B$ is $12 \mathbf{~ c m}$. If the line joining $O$ and $B$ intersects the circle at $R$, find the length of $B R$ (in cm ).
Ans
$\times 1.2$
$\times 2.13$
$\times 3$.
5. 8
Q. 9

The value of $1 \frac{2}{5}-\left[3 \frac{3}{4} \div\left\{1 \frac{1}{4} \div \frac{1}{2}\left(1 \frac{1}{2} \times 3 \frac{1}{3} \div 1 \frac{1}{3}\right)\right\}\right]$ is:
Ans
X1.3

- 2.0

X 3.2
4. 1
Q. 10 When $A$ alone does a piece of work, he takes 25 days more than the time taken by $A$ and $B$ to do the work together. On the other hand, $B$ alone takes 16 days more than the time taken by $A$ and $B$ to do the work together. How many days will $A$ and $B$, working together, take to do the work?

Ans
$\times 1.24$

- 2.20
$\times 3.23$
X4.22
Q. 11 In what proportion should a grocer mix wheat at ₹ 12 per kg and ₹ 25 per kg so as to make a mixture of worth ₹ 20 per kg ?
Ans

1. $8: 3$
2. $3: 5$
3. $5: 8$
4. $5: 7$
Q. 12 Find the mean proportional between 32 and 162.

Ans
$\times 1.99$
$\times 2.65$

- 3.72
$\times 4.97$
Q. 13 Rakhi purchased a basket, a wallet and a belt. She got discounts of $5 \%, 8 \%$ and $10 \%$ on the basket, the wallet and the belt, respectively, on their respective marked prices of ₹ 80 , ₹150 and ₹ 350 . How much amount (in ₹) did she pay in total?
Ans

1. 529
$\times 2.51$
2. 580
3. 519

Question ID : 264330105972
Option 1 ID : 264330416192
Option 2 ID : 264330416190
Option 3 ID : 264330416189
Option 4 ID : 264330416191
Status: Answered
Q. 14 In $\triangle A B C, \angle B=90^{\circ}$ and $A B: B C=1: 2$. The value of $\cos A+\tan C$ is:

Ans
$\times 1 . \frac{5+\sqrt{5}}{2 \sqrt{5}}$
2. $\frac{1+\sqrt{5}}{2 \sqrt{5}}$
3. $\frac{2 \sqrt{5}}{2+\sqrt{5}}$
4. $\frac{2+\sqrt{5}}{2 \sqrt{5}}$

Question ID : 264330145131
Option 1 ID : 264330568780
Option 2 ID : 264330568781
Option 3 ID : 264330568779
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 7 8 2}$
Status: Not Answered
Chosen Option : --
Q. 15 The product of two numbers is 20000 . If their LCM is 800 , then what is their HCF?

Ans

1. 25
2. 30
$\times 3.35$
3. 20
Q. 16 If $a+\frac{1}{a}=3$, then the value of $a^{4}+\frac{1}{a^{4}}$ is:

Ans
$\times 1.48$
$X .81$
$\times 2.81$
$\times 3.27$
4. 47

Question ID : 264330157776
Option 1 ID : 264330618464
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 1 8 4 6 3}$
Option 3 ID : 264330618466
Option 4 ID : 264330618465 Status: Answered
Q. 17 Study the given graph and answer the question that follows.
The given graph represents the percentage of books on different subjects that a person has in his library.


If the total number of books is 60 , then what is the ratio of the number of books on subject C 1 to the average number of books per subject?

Ans
$\times 1.3: 7$
$\times 2.2: 3$
X $3.3: 5$
-4.2:5
Q. 18 Find the value of $\frac{\cos 37^{\circ}}{\sin 53^{\circ}}-\cos 47^{\circ} \operatorname{cosec} 43^{\circ}$.

Ans

- 1.0

X2. -1
$\times 3.2$
4. 1
Q. 19 The volume of a sphere is given by $130977 \mathrm{~cm}^{3}$. Its surface area (in $\mathrm{cm}^{2}$ ) is:

Ans
$\times 1.16847$
2. 12474
3. 17424
4. 14274

Question ID : 264330145111
Option 1 ID : 264330568701
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 7 0 2}$
Option 3 ID : 264330568700
Option 4 ID : 264330568699
Status: Answered
Chosen Option : $\mathbf{2}$
Q. 20 The speed of a boat in standing water is $6 \mathrm{~km} / \mathrm{h}$ and the speed of the stream is 2.5 $\mathrm{km} / \mathrm{h}$. A man rows to a place at a distance of 59.5 kilometres and comes back to the starting point. The total time taken by him is:

Ans
X 1.16 hours
2. 24 hours
$\times 3.22$ hours
4. 18 hours
Q. 21 The table below shows the number of students commuting to school by different modes of transport:

| Modes of transport | School bus | Bicycle | Walking | Other vehicles |
| :---: | :---: | :---: | :---: | :---: |
| No. of boys | 80 | 280 | 130 | 200 |
| No. of girls | 140 | 190 | 90 | 250 |

Which mode of transport is used by maximum number of students?
Ans

1. Bicycle
2. Walking
3. Other vehicles
4. School bus

Question ID: 264330165073
Option 1 ID : 264330647420
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 7 4 2 1}$
Option 3 ID : 264330647422
Option 4 ID : 264330647419 Status: Answered Chosen Option : 1
Q. 22 A boat covers a distance of 72 km downstream in 6 hours, while it takes 12 hours to cover the same distance upstream. What is the speed of the boat in still water?
Ans
X 1.6 km/h
$2.9 \mathrm{~km} / \mathrm{h}$
3. $10 \mathrm{~km} / \mathrm{h}$
$4.8 \mathrm{~km} / \mathrm{h}$

Question ID : 264330145097
Option 1 ID : 264330568644
Option 2 ID : 264330568646
Option 3 ID : 264330568645
Option 4 ID : 264330568643
Q. 23

Simplify: $5 \frac{1}{3}-\left\{4 \frac{1}{3}+\left(3 \frac{1}{3} \div \overline{2 \frac{1}{3}-\frac{1}{3}}\right)\right\}$
Ans
X1. $\frac{2}{3}$
2. $\frac{1}{3}$
$\times^{3 .}-\frac{1}{3}$
4. $-\frac{2}{3}$
$\qquad$
Q. 24

Simplify $\frac{1-\frac{3}{7} \div \frac{9}{49} \times \frac{3}{14}}{1+\frac{3}{5} \div \frac{1}{25} \times \frac{1}{30}}$.

Ans

1. $\frac{1}{7}$
2. $\frac{1}{6}$
3. $\frac{1}{3}$
4. $\frac{1}{5}$

Question ID : 26433074445
Option 1 ID : 264330291869
Option 2 ID : 264330291870
Option 3 ID : 264330291871
Option 4 ID : 264330291868
Status: Answered
Chosen Option: $\mathbf{3}$
Q. 25 In an election between two candidates, $80 \%$ of the voters cast their votes, out of which $5 \%$ votes were declared invalid. A candidate got 9500 votes which were $80 \%$ of the valid votes. Find the total number of voters enrolled in that election.
Ans

1. 14780
2. 15100

- 3.15625
$\times 4.16100$
Q. 26 An inlet pipe can fill an empty tank in 3.6 hours, while an outlet pipe can drain a completely-filled tank in 6.3 hours. If both the pipes are opened simultaneously when the tank is empty, in how many hours will the tank get completely filled?

Ans
$\times 1.9 .0$
2. 8.4
$\times 3$
4. 8.7
Q. 27 Avi sold a house to Bhargav at a gain of $10 \%$ and Bhargav sold it to Chetan at a gain of $20 \%$. If Chetan paid ₹ $2,64,00,000$ for it, then at what price must Avi have purchased it?

Ans

1. ₹2,00,00,000
2. ₹ $2,30,00,000$
3. ₹ $2,50,00,000$
4. ₹ $1,75,00,000$
Q. 28 The pie chart 1 given below shows the runs scored by a player against 6 different countries during 2019-2020. Pie chart 2 shows the runs scored by the same player against the same 6 countries during 2020-2021.


Find the difference between the total runs scored against New Zealand and Pakistan during 2019-2020 and the total runs scored against Sri Lanka and Pakistan during 2020-2021.

Ans
$\times 1.500$
X2. 600
$\times 3.650$

- 4.550
Q. 29 Find the total surface area of a sphere whose volume is $\frac{256}{3} \pi \mathrm{~cm}^{3}$.

Ans
$\times 1.48 \pi \mathrm{~cm}^{2}$
$\checkmark 24 \mathrm{mcm}^{2}$
$\times 3.38 \pi \mathrm{~cm}^{2}$
X4. $56 \pi \mathrm{~cm}^{2}$
Q. 30 If $k\left(\tan 45^{\circ} \sin 60^{\circ}\right)=\cos 60^{\circ} \cot 30^{\circ}$, then the value of $k$ is:

Ans

1. 1
2. 2
3. $\frac{1}{\sqrt{3}}$
4. $\sqrt{3}$

Question ID: 264330157746
Option 1 ID : 264330618343
Option 2 ID : 264330618346
Option 3 ID : 264330618345
Option 4 ID : 264330618344
Status : Not Answered
Chosen Option : --
Q. 31 An inspector is 288 metres behind a thief. The inspector runs 42 metres and the thief runs 30 metres in a minute. In how much time will the inspector catch the thief?
Ans

1. 24 minutes

X2. 19 minutes
3. 21 minutes
4. 20 minutes

Question ID : 264330145067
Option 1 ID : 264330568526
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 5 2 3}$
Option 3 ID : 264330568524
Option 4 ID : 264330568525
Status : Answered
Chosen Option : 1
Q. 32 Three boys, on an average, are 25 years old, and their age are in the ratio of $3: 5: 7$. What is the age of youngest boy'?
Ans
X 1.24 years
X2. 21 years
X 3.12 years

- 4.15 years
Q. 33 Two numbers are in the ratio 12:7. If their HCF is 25 , find the numbers.

Ans
X $1.225,135$
2. 300,175

X 3.300,50
X4.175,120
Q. 34 A dealer sells his goods at $10 \%$ loss on the cost price but uses $25 \%$ less weight. What is his profit percentage?
Ans
X 1. $35 \%$
2. $20 \%$
3. $25 \%$
4. $15 \%$
Q. 35 A and B undertake a project worth ₹ 36,000 . A alone can do the work in 25 days. They worked together for 5 days. For the next five days, B worked alone. After that, A substituted $B$ and completed the remaining work in 5 days. The share of $A$ in the earnings is:
Ans

1. ₹ 14,400
2. ₹ 21,400
$X$ 3. ₹ 14,600
X4. ₹ 21,600
Q. 36 A shopkeeper has a sale of ₹ 5,445 , ₹ 5,937 , ₹ 5,865 and $₹ 6,562$ for 4 consecutive days. If he gets an average sale of ₹ 6,050 for 5 days, then his sale on the fifth day is:

Ans
(1. ₹6,131
2. ₹ 6,341
3. ₹ 6,441
4. ₹ 6,231
Q. 37 Study the given table and answer the question that follows.

The data given in the table is for the month of December 2022.

| Company | Total number of employees | Number of female employees |
| :---: | :---: | :---: |
| P | 4560 | 2210 |
| Q | 4258 | 1650 |
| R | 3052 | 1280 |
| S | 4350 | 1920 |

What is the difference between the number of male employees in company $P$ and that in company R ?

Ans
X 1.592
2. 578
3. 605
4. 580
Q. 38 The following table shows the mobile-addicted population of four different cities Hyderabad, Mumbai, Chennai, and Pune, and the ratio of males to females among them.

| City | Mobile-Addicted population | Male $:$ Female |
| :--- | :--- | :--- |
| Hyderabad | $2,20,000$ | $7: 8$ |
| Mumbai | $3,50,000$ | $12: 13$ |
| Chennai | $2,00,000$ | $11: 9$ |
| Pune | $1,50,000$ | $9: 11$ |

Find the total number of addicted males in Chennai.
Ans

1. 1,10,000
2. 80,000
3. $1,00,000$
4. 1,20,000
Q. 39 A company is manufacturing boxes of three types - plastic, wood and glass. The ratio of the numbers of plastic, wood and glass boxes is $2: 3: 5$. The difference between the numbers of wood and glass boxes is 144 . If the number of plastic boxes is increased by $25 \%$, then what will be the number of plastic boxes now?

Ans
X1. 144
(2. 360

- 3.216

4. 180
Q. 40

The fraction equivalent to $\frac{1}{5} \%$ is:
Ans

1. $\frac{1}{125}$
2. $\frac{1}{200}$
3. $\frac{1}{40}$
4. $\frac{1}{500}$
Q. 41 After deducing a commission of $20 \%$, a DVD set costs $₹ 9,080$. Its marked price is:

Ans
X 1. ₹11,200
2. ₹ 11,350
3. ₹ 10,000
4. ₹ 10,100
Q. 42 Anandi bought a smart watch from an electronic store for Rs.4,400. Since she had less money, she paid Rs.2,000 for down payment and the shopkeeper offered her an alternative to pay Rs.2,440 after 1 month. Find the rate of interest being charged at simple interest by the shopkeeper in this instalment option?
Ans

- $1.20 \%$

X 2. 10\%

- $3.22 \%$

X4.15\%
Q. 43 PQR is a triangle. The bisectors of the internal angle $\angle \mathrm{Q}$ and external angle $\angle \mathrm{R}$ intersect at $S$. If $\angle Q S R=40^{\circ}$, then $\angle P$ is:

Ans

- $1.40^{\circ}$

2. $60^{\circ}$
3. $80^{\circ}$
4. $30^{\circ}$
Q. 44 If $x^{4}+y^{4}=x^{2} y^{2}$, then the value of $x^{6}+y^{6}$ is:

Ans
$\times 1.2$

- 2.0

X 3.1
$\times 4.3$
Q. 45 The given table shows the number of students from 4 schools during 2022-2023.

| Schools | Total no. of students | Boys | Girls |
| :---: | :---: | :---: | :---: |
| A | 2060 | 1339 | 721 |
| B | 1880 | 1034 | 846 |
| C | 2200 | 990 | 1210 |
| D | 1680 | 924 | 756 |

What is the percentage of girls in school $B$ ?
Ans
X 1.65\%

- $2.45 \%$
× 3.60\%
X $4.55 \%$
Q. $46 \mathrm{E}, \mathrm{F}, \mathrm{G}$, and H are four points lying on the circumference of a circle to make a cyclic quadrilateral. If $\angle \mathrm{FGH}=57^{\circ}$, then what will be the measure of the $\angle \mathrm{HEF}$ ?

Ans

1. $33^{\circ}$
2. $123^{\circ}$
3. $93^{\circ}$
4. $143^{\circ}$
Q. 47 The square root of $\left(\frac{1}{4}\right) \times\left(\frac{1}{9}\right) \times\left(\frac{1}{25}\right) \times\left(\frac{1}{49}\right) \div\left(\frac{36}{121}\right)$ is:

Ans

1. $\frac{11}{1260}$
2. $\frac{1260}{11}$
3. $\frac{11}{12.60}$
$\times$
4. $\frac{1}{1260}$
Q. 48 If the radius of a hemispherical balloon increases from 4 cm to 7 cm as air is pumped into it, find the ratio of the surface area of the new balloon to its original.

Ans
X1. 16:21
2. $49: 16$

X 3. $20: 49$
4. $21: 12$
Q. 49 The sales of batteries (in lakhs) manufactured by a company over the years are shown in the given table.

| YEAR | TYPES OF BATTERIES |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $4 A H$ | $7 A H$ | $32 A H$ | $35 A H$ | $55 A H$ | Total |
|  | 75 | 144 | 114 | 102 | 108 | 543 |
| 1993 | 90 | 126 | 102 | 84 | 126 | 528 |
| 1994 | 96 | 114 | 75 | 105 | 135 | 525 |
| 1995 | 105 | 90 | 150 | 90 | 75 | 510 |
| 1996 | 90 | 75 | 135 | 75 | 90 | 465 |
| 1997 | 105 | 60 | 165 | 45 | 120 | 495 |
| 1998 | 115 | 85 | 160 | 100 | 145 | 605 |

Which type of battery had the highest total sales over the last seven years?
Ans

1. 32 AH

X2.35 AH
$\times 3.4 \mathrm{AH}$
×4.55 AH
Q. 50 Study the given table and answer the question that follows.

The table shows the number of students studying in 6 different classes of 6 different schools.

| Schools | V | VI | VII | VIII | IX | X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P | 152 | 160 | 145 | 156 | 147 | 144 |
| Q | 148 | 166 | 150 | 155 | 157 | 143 |
| R | 161 | 152 | 140 | 145 | 143 | 165 |
| S | 159 | 142 | 149 | 140 | 142 | 168 |
| T | 147 | 144 | 158 | 163 | 154 | 150 |
| U | 150 | 160 | 162 | 160 | 160 | 140 |
| Total | 917 | 924 | 904 | 919 | 903 | 910 |

Which class has the maximum number of students from all schools together?
Ans
X1. X
X 2. VII

- 3. VI

X4.V

## Section : English Comprehension

Q. 1 Select the most appropriate synonym of the given word.

Spontaneous
Ans
X 1. Attractive
2. Exhaustive
3. Instinctive
4. Acquisitive
Q. 2 Some words in the following sentence have been underlined and given as options.

Select the option that contains a spelling error.
The rolling waves on the beach were so trainquil and soothing.
Ans
X 1. beach
2. trainquil
$\times$ 3. soothing
×4. rolling
Q. 3 Parts of the following sentence have been given as options. Select the option that contains an error.
Rani was extreme upset with her results this year.
Ans

1. extreme upset
2. this year
3. with her results
4. Rani was

Question ID : 264330134123
Option 1 ID : 264330525516
Option 2 ID : 264330525518
Option 3 ID : 264330525517
Option 4 ID : 264330525515
Status: Answered
Chosen Option : 1
Q. 4 Four words have been underlined in the given sentence of which one word has a spelling error. Identify the incorrectly spelt word.
The tiger thrshed (A) against his chains ( $B$ ) in the cage at the circus (C) but nobody paid him any heed (D).
Ans

1. thrshed
2. circus
3. chains
4. heed
Q. 5 Select the most appropriate meaning of the underlined idiom.

We've sent a very strong protest letter. That should make them sit up and take notice.
Ans
X 1. Follow
2. Attend
3. Observe
4. Consider
Q. 6 Select the most appropriate ANTONYM of the given word.

## Defunct

Ans
X 1. Stoicism
2. Extant

X 3. Convoluted
4. Redundant

Question ID : 264330163400
Option 1 ID : 264330640881
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 8 8 2}$
Option 3 ID : 264330640880
Option 4 ID : 264330640879
Status: Answered
Chosen Option : 1
Q. 7 You are preparing a speech for the upcoming function. Select a synonym for the highlighted word to make it better.
The education system must evolve to keep pace with the rapid changes in the job market.

Ans

1. Emanate
2. Censor
3. Demolish
4. Conceal
Q. 8 Select the option that will improve the underlined part of the given sentence. The village Seoni is located 113 km away from the capital city of MP, Bhopal.
Ans
5. adjacent from city capital of MP, Bhopal
6. far from the capital city of MP, Bhopal
7. near from the city capital of MP, Bhopal
8. proximate from capital of MP, Bhopal
Q. 9 Select the sentence that has a spelling error.

A- Keeping cities clean and free of germs is particularly essential for keeping their residents healthy.
B- Our health depends not just on our nutrition and personal hygeine but also on how we clean our cities and surroundings.
C - The spread of various diseases is intricately linked to the deteriorating state of public health condition.
D- The good news is that waste management, to keep cities clean, is now getting attention through the Swachh Bharat Mission.
Ans $\quad$ 1. The good news is that waste management, to keep cities clean, is now getting attention through the Swachh Bharat Mission.
2. The spread of various diseases is intricately linked to the deteriorating state of public health condition.
3. Keeping cities clean and free of germs is particularly essential for keeping their residents healthy.
4. Our health depends not just on our nutrition and personal hygeine but also on how
we clean our cities and surroundings.
Q. 10 Select the most appropriate option that can substitute the underlined word in the given sentence.
The new professor is liked by his students for his amiable approach.
Ans
( 1. simple
2. strict
3. academic
4. friendly
Q. 11 Select the option that can be used as a one-word substitute for the given group of words.

Spoken or done without any previous thought or preparation
Ans
X 1 . Inaugural
X 2. Maiden
3. Extempore

X 4. Initiative
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

## A place where coins are made

Ans

- 1. Trough

2. Post Office

X 3. Grove
2. Mint

Question ID : 26433088757
Option 1 ID : 264330348582
Option 2 ID : 264330348583
Option 3 ID : 264330348581
Option 4 ID : 264330348584
Q. 13 Select the most appropriate ANTONYM of the given word.

Vague
Ans
X1. Elegant
X 2. Regal
3. Definite

X4. Dwarf
Q. 14 Select the option that can be used as a one-word substitute for the given group of words.

Something of monstrous size or power
Ans
X 1. Bulk
X 2. Amazon
X 3. Heavyweight
, 4. Behemoth
Q. 15 Select the most appropriate idiomatic expression to fill in the blank.

Our Director took a meeting and asked us to express our views on $\qquad$ of the new HR policy.
Ans
X 1. the bandwagon
2. the pros and cons

X 3. the hook
X 4. the ups and downs
Q. 16 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.
He got a burst of energy and started digging again.
Ans

1. took bull by the horns
2. a fancy of someone
3. second wind
4. heart on the sleeve
Q. 17 Select the most appropriate ANTONYM of the given word. Brave

Ans
X 1. Elegant
2. Cordial
3. Cowardly

X 4. Courageous
Q. 18 Select the most appropriate synonym of the given word.

Behold
Ans

1. Look
2. Burden
3. Fortunate
4. Predict

Question ID : 264330163370
Option 1 ID : 264330640769
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 7 0}$
Option 3 ID : 264330640768
Option 4 ID : 264330640767
Status: Answered
Q. 19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

A gust of wind came abruptly and our sand castle toppled.
Ans

1. tumbled down
2. ran after
3. turned up
4. blew out
Q. 20 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Luckily, I managed to get a room in the college hostel, and I move in there.
Ans

1. and I move in there
2. Luckily, I managed to get a room
3. in the college hostel
4. No error
Q. 21 Select the most appropriate meaning of the given idiom. Open your heart

Ans

1. Immediately think of something
2. Share your deepest feelings
3. Feel relieved because the stress is removed
4. Could do something very easily
Q. 22 Select the most appropriate one-word substitution of the given group of words.

A list of source materials that are used or consulted in the preparation of a work or that are referred to in the text.
Ans

1. Bibliography
2. Bibliophile
3. Bibliotheca
4. Bibliomemoir
Q. 23 Select the most appropriate idiom to fill in the blank.

The company had some initial problems, but now it is $\qquad$
Ans
X 1. flying like a rock
2. flying the nest
3. flying a kite
4. flying high
Q. 24 Select the most appropriate meaning of the given idiom. Burn one's bridges

Ans

1. Working very hard
2. Impossible to return to an earlier state
3. Having an overnight success
4. Attack on one's enemy
Q. 25 Select the option that can be used as a one-word substitute for the given group of words.

An ability to do several things at the same time.
Ans
X 1. Indictment
X 2. Blasphemy
X 3. Unitasking
4. Multitasking
Q. 26 Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence.

Right now, my hands are full.
Ans
X 1. My hands are filled up
X 2. My hands are swollen
X 3. I'm very tired
4. I'm very busy
Q. 27 Select the INCORRECTLY spelt word.

Ans
X 1. Click
X 2. Caricature
X 3. Cumbersome
4. Cumolative

Question ID : 26433089392
Option 1 ID : 264330351072
Option 2 ID : 264330351070
Option 3 ID : 264330351071
Option 4 ID : 264330351069 Status : Answered

Chosen Option : 2
Q. 28 Select the most appropriate ANTONYM of the given word.

Credit
Ans
< 1. Litigate
X 2. Install
3. Debit
4. Impute

Question ID : 26433096221
Option 1 ID : 264330377640
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 7 7 6 3 9}$
Option 3 ID : 264330377637
Option 4 ID : 264330377638 Status: Answered
Chosen Option: 3
Q. 29 Select the most appropriate meaning of the given idiom. Boil the ocean
Ans

1. Something very big
2. Something which gets hot gradually
3. Try to do something impossible
4. To make someone very angry
Q. 30 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
"You look so young! / When did you completed your graduation?" / asked Rekha / to her neighbour.

Ans
$\chi$ 1. to her neighbour
2. When did you completed your graduation?

X 3. asked Rekha
X 4. You look so young!
Q. 31 Select the correct spelling of the incorrectly spelt word.

Diplomats believe that buraucratic delays are inevitable.
Ans
X1. inivitable
2. burocratic
3. beleave

- 4. bureaucratic
Q. 32 Select the option that can be used as a one-word substitute for the given group of words.


## The compulsion to tell lies

Ans
X 1. Pyromania
X 2. Nymphomania
3. Megalomania
4. Mythomania
Q. 33 Select the most appropriate ANTONYM of the word 'hinderance' in the given sentence and choose the correct option.

The refreshing breeze blew through the open window, bringing relief from the summer heat.

Ans
1 1. Bringing
X 2 . Blew
3. Refreshing
4. Relief
Q. 34 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Neem tastes / a little bitterly, / but is very useful.
Ans

1. a little bitterly
2. Neem tastes
3. but is very useful
4. No error
Q. 35 Select the option that can be used as a one-word substitute for the given group of words.
Someone who pretends to have certain moral standards while secretively that person practices those very moral lapses.
Ans
X 1 . Sinner
X 2. Actor
X 3. Spy
5. Hypocrite
Q. 36 Select the most appropriate idiomatic expression to substitute for the underlined segment in the given sentence.

I had to work late in the night for nearly three months to write my first book.
Ans
X 1. to take a back seat
2. to burn the midnight oil
$X$ 3. to blow a fuse
X 4. to look through coloured glasses

Question ID : 26433092082
Option 1 ID : 264330361650
Option 2 ID : 264330361652
Option 3 ID : 264330361649
Option 4 ID : 264330361651
Status: Answered
Chosen Option: $\mathbf{2}$
Q. 37 Select the option that can be used as a one-word substitute for the given group of words.

A person who does not eat any animal product
Ans
X 1. Vegetarian
X 2. Veggie
2. Vegan

X4. Non-vegetarian

Question ID : 26433088897
Option 1 ID : 264330349133
Option 2 ID : 264330349136
Option 3 ID : 264330349135
Option 4 ID : 264330349134 Status: Answered
Q. 38 Select the most appropriate meaning of the underlined idiom. You must lie in the bed you have made.
Ans

1. Face the unpleasant consequences of your own acts
2. Sleep on the bed you made yourself
$\times 3$. Sleep in your own bed
3. Be contended always
Q. 39 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The postman / delivers the letters / through hand, / door to door.
Ans
X 1 . The postman
X 2. delivers the letters
X 3. door to door
4. through hand

Question ID : 264330145282
Option 1 ID : 264330569383
Option 2 ID : 264330569384
Option 3 ID : 264330569386
Option 4 ID : 264330569385
Status: Answered
Q. 40 Select the most appropriate ANTONYM of the given word.

Demolish
Ans

1. Inferior
2. Annihilate
3. Unmethodical
4. Fabricate

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is said that everyone lives (1) $\qquad$ selling something. What you can (2) $\qquad$ from this statement is that teachers live by selling knowledge, philosophers live by selling wisdom and priests earn their living by selling spiritual comfort. Though it may be possible to measure the value of material goods in terms of money, it is extremely difficult to (3) $\qquad$ the true value of the services which people perform for us. There are times when we would (4) $\qquad$ give everything we possess to save our lives, yet we might grudge paying a surgeon a high fee for offering us precisely the same service. The (5) $\qquad$ of society are such that skills have to be paid for in the same way that goods are paid for at a shop.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans

1. by
2. over
3. of
4. into

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is said that everyone lives (1) $\qquad$ selling something. What you can (2) $\qquad$ from this statement is that teachers live by selling knowledge, philosophers live by selling wisdom and priests earn their living by selling spiritual comfort. Though it may be possible to measure the value of material goods in terms of money, it is extremely difficult to (3) $\qquad$ the true value of the services which people perform for us. There are times when we would (4) $\qquad$ give everything we possess to save our lives, yet we might grudge paying a surgeon a high fee for offering us precisely the same service. The (5) $\qquad$ of society are such that skills have to be paid for in the same way that goods are paid for at a shop.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans
X 1. separate
2. derive

X 3. revive
X4. choose

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. It is said that everyone lives (1) $\qquad$ selling something. What you can (2) $\qquad$ from this statement is that teachers live by selling knowledge, philosophers live by selling wisdom and priests earn their living by selling spiritual comfort. Though it may be possible to measure the value of material goods in terms of money, it is extremely difficult to (3) $\qquad$ the true value of the services which people perform for us. There are times when we would
(4) $\qquad$ give everything we possess to save our lives, yet we might grudge paying a surgeon a high fee for offering us precisely the same service. The (5) $\qquad$ of society are such that skills have to be paid for in the same way that goods are paid for at a shop.

SubQuestion No : 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans
X 1. extort
X 2. mock
X 3. conceal

- 4. estimate


## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
It is said that everyone lives (1) $\qquad$ selling something. What you can (2) $\qquad$ from this statement is that teachers live by selling knowledge, philosophers live by selling wisdom and priests earn their living by selling spiritual comfort. Though it may be possible to measure the value of material goods in terms of money, it is extremely difficult to (3) $\qquad$ the true value of the services which people perform for us. There are times when we would (4) $\qquad$ give everything we possess to save our lives, yet we might grudge paying a surgeon a high fee for offering us precisely the same service. The (5) $\qquad$ of society are such that skills have to be paid for in the same way that goods are paid for at a shop.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank number 4.

Ans

1. willingly

X 2. thoroughly
X 3. perfectly
(4. thoughtfully

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. It is said that everyone lives (1) $\qquad$ selling something. What you can (2) $\qquad$ from this statement is that teachers live by selling knowledge, philosophers live by selling wisdom and priests earn their living by selling spiritual comfort. Though it may be possible to measure the value of material goods in terms of money, it is extremely difficult to (3) $\qquad$ the true value of the services which people perform for us. There are times when we would
(4) $\qquad$ give everything we possess to save our lives, yet we might grudge paying a surgeon a high fee for offering us precisely the same service. The (5) $\qquad$ of society are such that skills have to be paid for in the same way that goods are paid for at a shop.

SubQuestion No: 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans
X 1. obstacles
X 2. interferences
3. conditions

X4. connections

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As a society, we have come a long way in terms of progress and development. We have eradicated diseases, explored space, and created technological wonders that were once thought impossible. Yet, there is still one issue that continues to plague us: stupidity.
Yes, stupidity. The thing that seems to be contagious and has been spreading faster than the common cold. It's everywhere you look - on social media, in politics, in the workplace. You can't escape it.
It's as if we've all collectively decided that intelligence and common sense are no longer important. Why bother using your brain when you can just rely on your gut feelings and conspiracy theories?
Take politics, for example. It used to be that politicians were expected to be knowledgeable and well-informed about the issues they were dealing with. Now, it seems that all you need is a catchy slogan and some empty promises to win an election.
And don't even get me started on social media. It's a breeding ground for stupidity. People will believe anything they read as long as it confirms their preconceived biases. And don't even think about trying to present them with actual facts and evidence. That's just a waste of time. But it's not just individuals who are to blame for this epidemic of stupidity. Our education system is failing us as well. We're teaching our kids how to pass tests instead of how to think critically and solve problems. It's no wonder we have a generation of adults who can't even find their way around a basic math problem.
Of course, there are some who would argue that stupidity is just a different way of thinking. That it's a valid perspective that deserves to be respected. To those people, I say this: if you want to be stupid, go ahead. Just don't expect the rest of us to respect your opinions when they're based on nothing but ignorance and misinformation.
It's time for us to take a stand against stupidity. We need to start valuing intelligence and critical thinking again. We need to hold our leaders accountable for their actions and demand that they be knowledgeable and well-informed. We need to teach our children how to think, not just how to memorise.
It won't be easy, but it's a fight worth fighting. Because if we don't, we'll be stuck in a world where stupidity reigns supreme, and there's no telling what kind of damage that could do. So let's all do our part and start using our brains again. It's time to put an end to the epidemic of stupidity once and for all.

SubQuestion No: 46
Q. 46 Which of the following techniques has been used by the author of the passage to convey the message?
Ans $\quad \mathbf{X}$. Examples and anecdotes
$X$ 2. Factual and chronological account
3. Humour and exaggeration
4. Parody and mimicry

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As a society, we have come a long way in terms of progress and development. We have eradicated diseases, explored space, and created technological wonders that were once thought impossible. Yet, there is still one issue that continues to plague us: stupidity.
Yes, stupidity. The thing that seems to be contagious and has been spreading faster than the common cold. It's everywhere you look - on social media, in politics, in the workplace. You can't escape it.
It's as if we've all collectively decided that intelligence and common sense are no longer important. Why bother using your brain when you can just rely on your gut feelings and conspiracy theories?
Take politics, for example. It used to be that politicians were expected to be knowledgeable and well-informed about the issues they were dealing with. Now, it seems that all you need is a catchy slogan and some empty promises to win an election.
And don't even get me started on social media. It's a breeding ground for stupidity. People will believe anything they read as long as it confirms their preconceived biases. And don't even think about trying to present them with actual facts and evidence. That's just a waste of time. But it's not just individuals who are to blame for this epidemic of stupidity. Our education system is failing us as well. We're teaching our kids how to pass tests instead of how to think critically and solve problems. It's no wonder we have a generation of adults who can't even find their way around a basic math problem.
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It won't be easy, but it's a fight worth fighting. Because if we don't, we'll be stuck in a world where stupidity reigns supreme, and there's no telling what kind of damage that could do. So let's all do our part and start using our brains again. It's time to put an end to the epidemic of stupidity once and for all.

SubQuestion No: 47
Q. 47 According to the passage, what is the solution to the issue of stupidity in society?

Ans
$X$ 1. Embracing ignorance and misinformation
$X$ 2. Teaching students how to pass tests
$X$ 3. Electing politicians with catchy slogans
4. Encouraging critical thinking and problem-solving skills

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As a society, we have come a long way in terms of progress and development. We have eradicated diseases, explored space, and created technological wonders that were once thought impossible. Yet, there is still one issue that continues to plague us: stupidity.
Yes, stupidity. The thing that seems to be contagious and has been spreading faster than the common cold. It's everywhere you look - on social media, in politics, in the workplace. You can't escape it.
It's as if we've all collectively decided that intelligence and common sense are no longer important. Why bother using your brain when you can just rely on your gut feelings and conspiracy theories?
Take politics, for example. It used to be that politicians were expected to be knowledgeable and well-informed about the issues they were dealing with. Now, it seems that all you need is a catchy slogan and some empty promises to win an election.
And don't even get me started on social media. It's a breeding ground for stupidity. People will believe anything they read as long as it confirms their preconceived biases. And don't even think about trying to present them with actual facts and evidence. That's just a waste of time. But it's not just individuals who are to blame for this epidemic of stupidity. Our education system is failing us as well. We're teaching our kids how to pass tests instead of how to think critically and solve problems. It's no wonder we have a generation of adults who can't even find their way around a basic math problem.
Of course, there are some who would argue that stupidity is just a different way of thinking. That it's a valid perspective that deserves to be respected. To those people, I say this: if you want to be stupid, go ahead. Just don't expect the rest of us to respect your opinions when they're based on nothing but ignorance and misinformation.
It's time for us to take a stand against stupidity. We need to start valuing intelligence and critical thinking again. We need to hold our leaders accountable for their actions and demand that they be knowledgeable and well-informed. We need to teach our children how to think, not just how to memorise.
It won't be easy, but it's a fight worth fighting. Because if we don't, we'll be stuck in a world where stupidity reigns supreme, and there's no telling what kind of damage that could do. So let's all do our part and start using our brains again. It's time to put an end to the epidemic of stupidity once and for all.

SubQuestion No: 48
Q. 48 What is the tone of the passage?

Ans

1. Sarcastic
$X$ 2. Serious
$X$ 3. Melancholic
X 4. Joyful

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As a society, we have come a long way in terms of progress and development. We have eradicated diseases, explored space, and created technological wonders that were once thought impossible. Yet, there is still one issue that continues to plague us: stupidity.
Yes, stupidity. The thing that seems to be contagious and has been spreading faster than the common cold. It's everywhere you look - on social media, in politics, in the workplace. You can't escape it.
It's as if we've all collectively decided that intelligence and common sense are no longer important. Why bother using your brain when you can just rely on your gut feelings and conspiracy theories?
Take politics, for example. It used to be that politicians were expected to be knowledgeable and well-informed about the issues they were dealing with. Now, it seems that all you need is a catchy slogan and some empty promises to win an election.
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It's time for us to take a stand against stupidity. We need to start valuing intelligence and critical thinking again. We need to hold our leaders accountable for their actions and demand that they be knowledgeable and well-informed. We need to teach our children how to think, not just how to memorise.
It won't be easy, but it's a fight worth fighting. Because if we don't, we'll be stuck in a world where stupidity reigns supreme, and there's no telling what kind of damage that could do. So let's all do our part and start using our brains again. It's time to put an end to the epidemic of stupidity once and for all.

SubQuestion No : 49
Q. 49 According to the author of the passage, who among the following is NOT responsible for the spread of stupidity?
Ans

1. Politicians
2. Education system

X 3. Individuals
4. Children

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As a society, we have come a long way in terms of progress and development. We have eradicated diseases, explored space, and created technological wonders that were once thought impossible. Yet, there is still one issue that continues to plague us: stupidity.
Yes, stupidity. The thing that seems to be contagious and has been spreading faster than the common cold. It's everywhere you look - on social media, in politics, in the workplace. You can't escape it.
It's as if we've all collectively decided that intelligence and common sense are no longer important. Why bother using your brain when you can just rely on your gut feelings and conspiracy theories?
Take politics, for example. It used to be that politicians were expected to be knowledgeable and well-informed about the issues they were dealing with. Now, it seems that all you need is a catchy slogan and some empty promises to win an election.
And don't even get me started on social media. It's a breeding ground for stupidity. People will believe anything they read as long as it confirms their preconceived biases. And don't even think about trying to present them with actual facts and evidence. That's just a waste of time. But it's not just individuals who are to blame for this epidemic of stupidity. Our education system is failing us as well. We're teaching our kids how to pass tests instead of how to think critically and solve problems. It's no wonder we have a generation of adults who can't even find their way around a basic math problem.
Of course, there are some who would argue that stupidity is just a different way of thinking. That it's a valid perspective that deserves to be respected. To those people, I say this: if you want to be stupid, go ahead. Just don't expect the rest of us to respect your opinions when they're based on nothing but ignorance and misinformation.
It's time for us to take a stand against stupidity. We need to start valuing intelligence and critical thinking again. We need to hold our leaders accountable for their actions and demand that they be knowledgeable and well-informed. We need to teach our children how to think, not just how to memorise.
It won't be easy, but it's a fight worth fighting. Because if we don't, we'll be stuck in a world where stupidity reigns supreme, and there's no telling what kind of damage that could do. So let's all do our part and start using our brains again. It's time to put an end to the epidemic of stupidity once and for all.

SubQuestion No: 50
Q. 50 What could be a suitable title for the passage?

Ans
$X$ 1. The Evils of Social Media
$X$ 2. The Benefits of Stupidity
$X$ 3. The Joy of Living in a World of Ignorance
4. The Importance of Critical Thinking

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Purnea |
| Exam Date | 04/10/2023 |
| Exam Time | 12:30 PM $-2: 30$ PM |
| Subject | SICPO Paper I 2023 |

Section : General Intelligence and Reasoning
Q. 1 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).


Ans

$\times 3$.

$\times 4$.

Q. 2 If the given sheet is folded to form a cube, which of the following figures is possible?

| 7 | 8 | 9 |
| :---: | :---: | :---: |
|  | X |  |
|  | Y |  |
|  | Z |  |

Ans

$\checkmark 2$

$\times 3$.

$\times 4$.

Q. 3 Which letter-cluster will replace the question mark (?) to complete the given series? AXFN, GCJQ, MHNT, ?, YRVZ

Ans

1. SWMR
2. QRLV
3. RLQV
4. SMRW

Question ID : 26433076666
Option 1 ID : 264330300729
Option 2 ID : 264330300728
Option 3 ID : 264330300730
Option 4 ID : 264330300731 Status: Answered
Q. 4 ' $F$ \$ G' means ' $F$ is the mother of $G$ '.
' $F$ \# G' means ' $F$ is the father of $G$ '.
' $F$ @ $G$ ' means ' $F$ is the husband of $G$ '.
' $F$ \% G' means ' $F$ is the daughter of $G$ '.
If J @ $\mathrm{C} \$ \mathrm{~B}$ \# R, then how is J related to R ?
Ans
Х 1. Mother's brother
2. Father
3. Father's sister
4. Father's father
Q. 5 In a certain code language, 'SUGAR' is coded as 81 and 'FILL' is coded as 51 . How will 'CREAM' be coded in that language?

Ans

- 1.52

2. 60
3. 57
4. 55
Q. 6 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(7, 2, 70)
$(6,4,120)$
Ans
5. $(3,8,120)$

X 2. $(13,4,208)$
X $3 .(5,9,270)$
X4. $(11,6,143)$
Q. 7 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term. 16:106:: 11 : ? :: 10 : 22
Ans
1.36
$\times 2.42$
$\times 3.40$

- 4.31
Q. 8 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?

| U | T | $\subset$ | -1 | $\leftarrow$ | $\subset$ | $\uparrow$ | $\cap$ |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\downarrow$ | 0 | $\leftarrow$ | D | D | -1 | 0 | 1 |  |

Ans
$\times 1$.

$\times 2$.

$\times 3$.


* 4. 


Q. 9 Which letter-cluster will replace the question mark (?) to complete the given series? PJVG, VBZB, BTDW, HLHR,?

Ans $\times 1 . \mathrm{NDLN}$
X 2. MDLN
3. MDLM
2. NDLM
Q. 10 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


Ans

$\times 2$.

$\times 4$.



Ans

$\times 3$

$\times 4$.

Q. 12 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Doctor
2. Doctorate
3. Docile
4. Documentary
5. Dock
6. Doctrine

Ans

1. 3, 5, 1, 2, 6, 4

X 2.3,5,1,6, 2, 4
X 3.3,5,2,1,6,4
X4.3,4,5,1,2,6,
Q. 13 Six characters A, B, C, 1, 2 and 3 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the character on the face opposite to A.


Ans
$\times 1.6$
$\times 2.2$

- 3.B
$\times 4.1$
Q. 14 Which of the following numbers will replace the question mark (?) in the given series?
$\frac{1}{121}, \frac{1}{11}, 1, ?, 121$
Ans
- 1.11

X2. 12
$\times 3.21$
$\times 4.1$
Q. 15 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some movies are dramas.
Some dramas are fiction.
Conclusions:
I. Some movies are fiction.
II. All fiction are movies.

Ans
X 1 . Only conclusion I follows
X 2. Only conclusion II follows
3. Neither conclusion I nor II follows

X 4. Both conclusions I and II follow
Q. 16 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\because$ ', then what will be the value of the following equation?
22 B 7 C 288 D 12 A 27 = ?
Ans

1. 160
2. 103
3. 130
4. 157
Q. 17 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
12 : 64 :: ? : 116 :: 32 : 144
Ans
5. 25
6. 46
3.35
7. 14
Q. 18 If $A$ denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation?
21 B 14 C 154 D 14 A 42 = ?
Ans
$\times 1.357$
8. 325
9. 342
10. 352

Question ID : 264330129786
Option 1 ID : 264330508377
Option 2 ID : 264330508376
Option 3 ID : 264330508375
Option 4 ID : 264330508378
Status: Answered
Q. 19 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation? 56 D 8 B 7 = ? B 7
Ans
$\times 1.9$

- 2.7
$\times 3.8$
(4. 12
Q. 20 Aunt Gloria walked out of her house and walked 65 m towards the east. She took a left turn and walked 28 m . Again, she took a left turn and walked 110 m to reach a public library. How far (shortest distance) and in which direction is the library from Aunt Gloria's house?

Ans

1. 48 m , North-East
2. 48 m , North-West
3. 53 m , North-East
4. 53 m , North-West
Q. 21 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(9,1,19)$
$(5,2,14)$
Ans $\times 1 .(3,5,56)$
5. $(3,2,10)$
6. $(2,5,12)$
7. $(4,7,37)$
Q. 22 A cube is made by folding the given sheet. In the cube so formed, which pair of letters will be on the opposite faces?


Ans

1. $T$ and $S$
2. $R$ and $P$
3. P and U
4. $U$ and $T$
Q. 23 A @ $B$ means ' $A$ is the husband of $B$ '
$A \& B$ means ' $A$ is the mother of $B$ '
$A$ \# B means ' $A$ is the daughter of $B$ '
If Z \# L @ P \& K @ J \# X, then how is K related to $\mathbf{Z}$ ?
Ans
5. Brother
6. Sister
7. Mother
8. Brother' wife
Q. 24 In a certain code language, 'ALIVE' is coded as 64 and 'HALL' is coded as 45. How will 'MOVIE' be coded in that language?

Ans

- 1.71

2. 80
3. 79
4. 58

Question ID : 26433074710
Option 1 ID : 264330292929
Option 2 ID : 264330292928
Option 3 ID : 264330292930
Option 4 ID : 264330292931
Status: Answered
Q. 25 Six students Prateek, Sameer, Kabir, Ziya, Joseph, Kiran are sitting around a circular table facing the centre (not necessarily in the same order). Prateek is an immediate neighbour of both Sameer and Kabir. Ziya is sitting second to the right of Sameer. Kiran is sitting third to the left of Kabir. Joseph is an immediate neighbour of both Ziya and Kabir.
Who is an immediate neighbour of Ziya?
Ans
X 1. Prateek
2. Kabir

X 3. Sameer
2. Kiran

Question ID : 26433082279
Option 1 ID : 264330322950
Option 2 ID : 264330322949
Option 3 ID : 264330322952
Option 4 ID : 264330322951
Status: Answered
Chosen Option: 4
Q. 26 If A denotes ' + ', B denotes ' $\times$ ', C denotes ‘ - ', and D denotes ' + ’, then what will be the value of the following expression?

89 A 94 C 35 D 8 B $8=$ ?
Ans
-1. 148
X2. 189
$\times 3.169$
$\times 4.135$
Q. 27 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?


Ans

$\times 4$.

Q. 28 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.
$\mathrm{F}_{--} \mathrm{Y}_{--} \mathrm{KB} \mathrm{B}_{-} \mathrm{O} \mathrm{F}_{-} \mathrm{BY} \mathbf{Y}_{-}$
Ans
Х1. OFKBOYK
X 2. BYOKFOK

- 3.KBOFYKO

X4. YOKBFOK
Q. 29 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

INDIA : FKAFX :: ESTONIA : BPQLKFX:: MALAYSIA :?
Ans
X 1.JPFXXIXV
X 2. JXVPFXXI
X 3. JXIXFXVP
4. JXIXVPFX

Question ID : 264330145395
Option 1 ID : 264330569836
Option 2 ID : 264330569835
Option 3 ID : 264330569837
Option 4 ID : 264330569838
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 30 In a certain code language, 'PAINT' is written as 'ODYTN' and 'BRUSH' is written as 'CMMOZ'. How will 'HOUSE' be written in that language?

Ans

1. WDNOS
2. WPMOC
3. PHYWS
4. PBOMS
Q. 31 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Wrist
2.Wrangle
3.Workable
4.Wrongful
5.Woodland

Ans
X 1.3,5,2,1,4
2. 3, 2, 5, 1, 4

X $3.5,2,3,1,4$
4. 5, 3, 2, 1, 4

Q． 32 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below．
8BEYTK＠8

Ans



## 3． 8 Ф ク TY $\mathcal{C l} 8$

4．88ク1人ヨ98

Question ID： 26433085395
Option 1 ID ： 264330335284
Option 2 ID ： 264330335282
Option 3 ID ： 264330335283
Option 4 ID ： 264330335281
Status：Answered
Chosen Option： $\mathbf{3}$

Q． 33 Two statements are given，followed by two conclusions numbered I and II．Assuming the statements to be true，even if they seem to be at variance with commonly known facts，decide which of the conclusions logically follow（s）from the statements．
Statements：
Some apples are oranges．
All oranges are fruits．
Conclusions：
I）All apples are fruits．
II）Some fruits are oranges．
Ans
1．Neither Conclusion I nor II follows．
2．Only Conclusion II follows．
3．Both Conclusions I and II follow．
4．Only Conclusion I follows

Q． 34 Manohar cycles $\mathbf{X ~ k m}$ towards west and then turns right and cycles $\mathbf{Y} \mathbf{k m}$ to reach his office．Now，the shortest distance between the starting point and his office is 13 km ． What can be the value of $X$ and $Y$ ，respectively，（in km）？
Ans
1． 12 and 5
X 2.8 and 5
$\times 3.11$ and 6
X 4.6 and 7
Q. 35 In a certain code language, 'EARS' is coded as ' 4268 ' and 'NICE' is coded as ' 9723 '. What is the code for ' $E$ ' in the given code language?

Ans
$\times 1.3$
2. 2

- 3.9

4. 4

Question ID : 264330169653
Option 1 ID : 264330665312
Option 2 ID : 264330665313
Option 3 ID : 264330665314
Option 4 ID : 264330665311
Status: Answered
Chosen Option : 2
Q. 36 Six people are sitting around a circular table facing the centre. $P$ sits second to the left of $Q$. $S$ is an immediate neighbour of both $Q$ and $U$. T sits second to the left of R. Who is the immediate neighbour of both $P$ and $U$ ?
Ans

1. T
$\times 2.5$
2. Q
3. R
Q. 37 Based on the position in the English alphabetical order, three of the following letterclusters are alike in some manner and one is different. Select the odd letter-cluster.
Ans
X 1. SWYX
X 2. PTVU
4. RVXW
5. LOQP
Q. 38 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

1. GCKD
2. UQYR
3. XOTP
4. NJRK

Question ID : 264330180754
Option 1 ID : 264330708986
Option 2 ID : 264330708985
Option 3 ID : 264330708983
Option 4 ID : 264330708984
Status: Answered
Q. 39 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some rivers are oceans.
All oceans are beaches.

## Conclusions:

I. Some rivers are beaches.
II. All oceans are rivers.

Ans
X 1 . Only conclusion II follows
2. Both conclusions I and II follow
3. Neither conclusion I nor II follows
4. Only conclusion I follows
Q. 40 If ' + ' means ' $x$ ', ' - ' means ' $\div$ ', ' $x$ ' means ' + ', and ' $\div$ ' means ' - ', then what will be the value of the following expression?
$42 \times 168-8 \div 4+3=$ ?
Ans

1. 62
2. 45
3. 56
4. 51
Q. 41 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Artist : Painting :: Cobbler : ?
Ans
Х 1. Stitching clothes
5. Fixing shoes
6. Wooden repair work
7. Fixes electricity
Q. 42 Which two mathematical signs should be interchanged to make the given equation correct?
$15 \times 3 \div 15-(45 \times 3)-10+(13 \div 2)=76$
Ans
8. $\div$ and $\times$
9. $\times$ and +
10. $\times$ and -
11. $\div$ and +
Q. 43 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ‘ $x$ ' means ' $\div$ ', ‘ $\div$ ' means ' + ', then what will come in place of the question mark (?) in the following equation?
$23-5 \div 240 \times 8+14=$ ?
Ans
$\times 1.145$

- 2.119

3. 131
4. 124
Q. 44 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans

$\times 2$


- 3. 


$\times 4$.

Q. 45 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All teas are juices.
All juices are cocktails.
Conclusions:
I. All teas are cocktails.
II. All cocktails are definitely juices.

Ans
X 1. Both conclusions I and II follow
X 2. Only conclusion II follows
3. Only conclusion I follows

X 4. Neither conclusion I nor II follows
Q. 46 In a certain code language, 'ACTOR' is coded as ROYCA and 'NURSE' is coded as ESWUN. How will 'JUDGE' be coded in the same language?
Ans
X1.EGJUI
X 2. GEIUJ
X 3. EGUIJ

- 4. EGIUJ
Q. 47 Which of the following numbers will replace the question mark (?) in the given series? 76, 99, 135, 185, 250,?
Ans
- 1.330

2. 331
$\times 3.328$
( 4.315
Q. 48 A cube is made by folding the given sheet. In the cube so formed, which letter will be on the face opposite to the face having ' $F$ '?


Ans

1. D
2.E
3.B
2. A
Q. 49 Which of the following numbers will replace the question mark (?) in the given series?

4, 11, 19, 31, 52, 89, ?
Ans

1. 151
2. 105

- 3.150

4. 115
Q. 50 Which of the following numbers will replace the question mark (?) in the given series?

134, 129, 122, ?, 102, 89
Ans
$\times 1.117$
2. 113
3. 111
4. 115

[^3]Q. 1 Which of the following Articles of the Indian Constitution empowers the Parliament to restrict or abrogate the fundamental rights of the members of the armed forces, paramilitary forces, police forces, intelligence agencies and analogous forces?
Ans
X 1. Article 35
X 2. Article 31
3. Article 33

X 4. Article 37

Question ID : 264330113391
Option 1 ID : 264330445651
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 5 6 4 9}$
Option 3 ID : 264330445652
Option 4 ID : 264330445650
Status: Not Answered
Chosen Option : --
Q. 2 Mohenjodaro site of Harappan civilisation is situated on the bank of which river?

Ans
X 1. Jhelum river
2. Indus river
3. Gharghara river
4. Beas river
Q. 3 The Wadali Brothers are $\qquad$ singers.
Ans

1. Pandavani
2. Lavani
3. Sufi
4. Bhatiali

Question ID : 264330145157
Option 1 ID : 264330568885
Option 2 ID : 264330568883
Option 3 ID : 264330568884
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 8 8 6}$
Q. 4 Rongker festival is celebrated by which of the following tribes?

Ans

1. Karbi
2. Gond
3. Bhil
$\times 4$. Ао

Question ID : 264330164804
Option 1 ID : 264330646344
Option 2 ID : 264330646345
Option 3 ID : 264330646346
Option 4 ID : 264330646343
Q. 5 Who among the following Mauryan kings turned to Buddhism and its tenet of nonviolence after the Kalinga war?

Ans

1. Chandragupta Maurya
2. Bindusara
3. Ashoka
4. Dasharatha

Question ID : 264330165559
Option 1 ID : 264330649315
Option 2 ID : 264330649316
Option 3 ID : 264330649317
Option 4 ID : 264330649318 Status: Answered
Q. 6 What is the name of the large supercontinent that existed 200 million years ago when all the continents were together?

Ans
X1. Asia
2. India
3. Pangea
4. America

## Q. 7 Who explained the structure of protein?

Ans
X 1. RF Rose
2. Emil Fischer

X 3. Johnson and Cristae
4. Pauling and Corey

Question ID : 26433086616
Option 1 ID : 264330340106
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 4 0 1 0 5}$
Option 3 ID : 264330340107
Option 4 ID : 264330340108 Status: Answered
Chosen Option: 1
Q. 8 According to Census of India 2011, identify the third largest spoken language in India.

Ans
X 1. Tamil
2. Marathi

X 3. Bengali
X 4. Hindi
Q. 9 Which of the following taxes is proportional in nature?

Ans
X 1. Capital Gains Tax
X 2. Income Tax
X 3. Corporation Tax
4. Goods and Services Tax
Q. 10 Gopika Varma has won the Sangeet Natak Akademi Award in 2019 in which of the following dance forms?
Ans

1. Kathak
2. Bharatanatyam
3. Mohiniyattam
4. Kuchipudi
Q. 11 What is the IUPAC name of the organic compound depicted in the figure?


Ans

1. 1-Methyl-1-Propylcyclohexane
2. 1-Methyl-2-Propylcyclohexane
3. 1-Methyl-4-Propylcyclohexane
4. 1-Methyl-3-Propylcyclohexane
Q. 12 Identify whether the given statements about ionisation energy are correct or incorrect. Statement A: The ionisation energy of an atom is the amount of energy that is required to remove an electron from a mole of atoms in the gas phase.
Statement B: The ionisation energy increases from top to bottom in groups and decreases from left to right across a period.

Ans
$X 1$. Both Statements $A$ and $B$ are correct
2. Only Statement A is correct

X 3. Both Statements A and B are incorrect
4. Only Statement B is correct
Q. 13 Which of the following sports does NOT have its apex national governing body headquartered in New Delhi?
Ans
X 1. Athletes Federation of India
2. Badminton Association of India
3. Volleyball Federation of India
4. Hockey India
Q. 14 Which of the following is an autobiography of a Bengali illiterate woman who secretly acquired literacy skills to read sacred texts in an age when girls and women were denied education and deemed fit only for household chores?
Ans
X 1. Ente Katha by Kamala Das
2. Amar Jiban by Rassundari Devi
3. Jina Amucha by Baby Kamble
4. Smritichitre by Lakshmibai Tilak

## Q. 15 The Lucknow Pact was signed in <br> $\qquad$ by Congress and the Muslim League to work

 in alliance for representative government.Ans
< 1.1920
2. 1914
3. 1916
4. 1918

Question ID : 264330112346
Option 1 ID : 264330441472
Option 2 ID : 264330441469
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 4 1 4 7 0}$
Option 4 ID : 264330441471 Status: Answered
Chosen Option: $\mathbf{3}$
Q. 16 What is most important health benefits of Vitamin D?

Ans

1. Strengthening of bones and muscles
2. Reducing the blood pressure
3. Rapid growth after teenage years
4. Elevation of heartbeat

Question ID : 26433066708
Option 1 ID : 264330261357
Option 2 ID : 264330261358
Option 3 ID : 264330261356
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 6 1 3 5 9}$ Status: Answered
Chosen Option : 2
Q. 17 What is the name of the geostationary satellite launched by ISRO in 1983 that provides high power TV broadcasting and telecommunications national coverage transponders?
Ans
X1. Bhaskara-I
2. Insat-1B
3. GSAT-7
4. RISAT-1
Q. 18 Which Article of the Indian Constitution provides for equal opportunity for all citizens in the matter of employment under the state?

Ans
X 1. Article 17
2. Article 16
3. Article 18
4. Article 15

Question ID : 264330114489
Option 1 ID : 264330450043
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 5 0 0 4 2}$ Option 3 ID : 264330450044 Option 4 ID : $\mathbf{2 6 4 3 3 0 4 5 0 0 4 1}$ Status: Answered
Q. 19 Which Rajput princess belonged to the Bhakti tradition of Medieval India, whose songs were devoted to Lord Krishna?

Ans

1. Mirabai
2. Muddupalani
3. Lal Ded
4. Akka Mahadevi
Q. 20 When was the National Interim Government of India formed, under Jawaharlal Nehru?

Ans

1. 2 September 1946
2. 2 September 1947

X 3. 20 September 1946
4. 2 September 1945
Q. 21 Which among the following is INCORRECT about the salient features of the $73^{\text {rd }}$ Amendment Act?
Ans

1. The Act gives a Constitutional status to the Panchayati Raj Institutions.
2. It contains 29 functional items of the Panchayats and deals with Article 243 to 243(O).
3. The Act has added the Eleventh Schedule to the Constitution of India.
4. The Act corresponds to Part III of the Constitution of India.
Q. 22 Which element of the boron family has a high boiling point, making it ideal for recording temperatures that would vaporise a thermometer?

Ans

1. Thallium
2. Aluminium
3. Gallium
4. Indium

Question ID : 264330110058
Option 1 ID : 264330432509
Option 2 ID : 264330432512
Option 3 ID : 264330432510
Option 4 ID : 264330432511 Status: Answered
Chosen Option: 1
Q. 23 How many medal(s) did India win in the World Athletics Championship 2022?

Ans
$\times 1.4$
<2. 2
3.3
4. 1

Question ID : 264330109685
Option 1 ID : 264330431020
Option 2 ID : 264330431018
Option 3 ID : 264330431019
Option 4 ID : 264330431017
Status: Answered
Chosen Option: 3
Q. 24 Who became the first Indian to win the prestigious Zurich Diamond League Final 2022 in Switzerland?
Ans

1. Rameshbabu Praggnanandhaa
2. Mary Kom
3. Neeraj Chopra
4. PV Sindhu
Q. 25 Which of the following government departments is associated with infrastructure development in India?
Ans
X 1. Division of Economic Agenda
5. Division of Electricity Agenda

X 3. Department of Energy Affairs
4. Department of Economic Affairs
Q. 26 Identify an anomaly element that belongs to both group 1 and group 17.

Ans
X 1. Oxygen
2. Hydrogen
$\times$ 3. Chlorine
4. Nitrogen

Question ID : 264330134866
Option 1 ID : 264330528400
Option 2 ID : 264330528399
Option 3 ID : 264330528402
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 2 8 4 0 1}$ Status : Answered

Chosen Option : 2
Q. 27 The Vijayanagar kingdom was established by $\qquad$ in 1336.
Ans

1. Venkata II
2. Devaraya II
3. Krishnadevaraya
4. Harihara and Bukka

Option 1 ID : 264330418563
Option 2 ID : 264330418564
Option 3 ID : 264330418562
Option 4 ID : 264330418561
Q. 28 Which of the following is the new alluvium deposited by floods in the Ganga Plain?

Ans
X 1. Regur
2. Khadar

X 3. Kachhar
4. Bhangar
Q. 29 Which of the following Articles of the Constitution of India provides that the Governor appoints the Chief Minister and later, the Chief Minister recommends the appointment of ministers to the Governor?

Ans

1. Article 167
2. Article 165
3. Article 164
4. Article 163
Q. 30 What was the rural literacy rate in India, according to the 2011 Census?

Ans
$\times 1.67 .00 \%$
2. $66.77 \%$

X 3. $67.77 \%$
X 4. $69.00 \%$

Question ID : 264330110657
Option 1 ID : 264330434906
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 3 4 9 0 5}$
Option 3 ID : 264330434908
Option 4 ID : 264330434907
Status: Answered
Chosen Option : 2
Q. 31 FIFA Women's World Cup 2023 will be hosted by $\qquad$ -.
Ans 1. Australia and New Zealand
2. USA and Canada
3. France and Germany
4. Brazil and Argentina
Q. 32 The President of India decides on the question as to the disqualification of Members of Parliament in consultation with the $\qquad$ -.

Ans
X 1. Supreme Court of India
2. Parliament
3. Vice President
4. Election Commission of India
Q. 33 Mohiniyattam, a classical dance of India belongs to which of the following states?

Ans
X 1. Uttar Pradesh
2. Kerala

X 3. Andhra Pradesh
4. Manipur
Q. 34 Which of the following is NOT an example of manufacturing activity?

Ans
Х 1. Yarn made from cotton
2. Sugar made from sugarcane

X 3. Paper made from wood
2. Mutual fund product made by combing debt and equity funds

Question ID : 264330168856
Option 1 ID : 264330662238
Option 2 ID : 264330662236
Option 3 ID : 264330662235
Option 4 ID : 264330662237 Status : Answered

Chosen Option : 4
Q. 35 Which of the following is INCORRECT match?

Ans
< 1. Pressure - Pascal
2. Volume - Meter
3. Force - Newton
4. Work done - Joule

Question ID : 264330131764
Option 1 ID : 264330516158
Option 2 ID : 264330516157
Option 3 ID : 264330516156
Option 4 ID : 264330516155

Chosen Option : $\mathbf{2}$
Q. 36 Which part of the Indian Constitution deals with directive principles of state policy?

Ans
X 1. Part VII
2. Part VI

X 3. Part V
4. Part IV
Q. 37 Mango showers are:

Ans
X 1. cyclones
2. jet streams
3. storms
4. pre-monsoon showers
Q. 38 What type of climate is found in North Western Europe, West Coast of North America, North of California, Southern Chile, South-eastern Australia and New Zealand?

Ans

1. Marine west coast climate
2. Cold snow forest climate
3. Subtropical steppe climate
4. Tropical wet and dry climate

Question ID : 264330145190
Option 1 ID : 264330569015
Option 2 ID : 264330569016 Option 3 ID : 264330569017 Option 4 ID : 264330569018 Status: Answered
Q. 39 Which of the following places of India can have maximum temperature difference between the day and night?

Ans
X 1. Thiruvananthapuram
2. Jaisalmer
3. Port Blair
4. Kanyakumari
Q. 40 Mohiniyattam belongs to which of the following states?

Ans

1. Jharkhand
2. Chhattisgarh
3. Karnataka
4. Kerala

Question ID : 264330164789
Option 1 ID : 264330646284
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 6 2 8 5}$
Option 3 ID : 264330646286
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 6 2 8 3}$
Status: Answered
Chosen Option : 4
Q. 41 Haripriya Namboodiri is an exponent of which Indian classical dance form?

Ans

1. Kathakali
2. Kuchipudi
3. Odissi

X 4. Bharatanatyam

Question ID : 26433086721
Option 1 ID : 264330340526
Option 2 ID : 264330340528
Option 3 ID : 264330340527
Option 4 ID : 264330340525
Q. 42 During one of the Five-Year Plans which of the following politicians gave the slogan 'Garibi Hatao'?

Ans

1. Charan Singh
2. Gaini Zail Singh
3. Morarji Desai
4. Indira Gandhi

Question ID : 264330145248
Option 1 ID : 264330569250
Option 2 ID : 264330569249
Option 3 ID : 264330569247
Option 4 ID : 264330569248
Status : Not Answered
Chosen Option:--
Q. 43 During Which phase of the cell cycle does metabolic changes assemble the cytoplasmic material required for mitosis and cytokinesis?

Ans

1. G2 phase
2. G1 phase
3. S phase
4. M phase
Q. 44 Expenditure of the government on health facilities, education and fixed-asset acquisition is termed as $\qquad$ .
Ans
X 1. revenue expenditure
5. plan expenditure
6. non-plan revenue expenditure
7. capital expenditure
Q. 45 Which of the following is the autobiography of the first Indian President Dr. Rajendra Prasad?

Ans

1. Atmavrittanta
2. Atmakatha
3. A Shot at History
4. My Country My Life
Q. 46 Which of the following policy measures is a step towards liberalisation?

Ans
X 1. Enhancing tariffs
2. Eliminating licenses for importing a majority of goods

X 3. Imposing limits on capital accumulation
4. Increasing requirements for bank reserves and restrictions on interest rates
Q. 47 Which of the following cultural festivals of South India is associated with the folklore of King Mahabali?
Ans

1. Gudi Padwa
2. Ugadi
3. Pongal
4. Onam
Q. 48 Europeans entered India with a mindset of trading only. This streak was initiated by which of the following European nations?
Ans
X 1. French
5. Portuguese

X 3. British
4. Dutch
Q. 49 How big are red blood cells in diameter?

Ans

- $1.7 .5 \mu \mathrm{~m}$

X2. $2.0 \mu \mathrm{~m}$
X $3.4 .0 \mu \mathrm{~m}$
4. $40.0 \mu \mathrm{~m}$
Q. 50 In which year Timur's invasion of Delhi took place?

Ans

1. 1492
2. 1221
3. 1526
4. 1398

Section : Quantitative Aptitude
Q. 1

Find the value of $\sqrt{\frac{1-\tan A}{1+\tan A}}$.
Ans
$\times 1 . \sqrt{\frac{1+\sin 2 \mathrm{~A}}{\cos 2 \mathrm{~A}}}$
2. $\sqrt{\frac{1-\sin 2 \mathrm{~A}}{\cos 2 \mathrm{~A}}}$
$\times 3 . \sqrt{\frac{1+\sin \mathrm{A}}{\cos \mathrm{A}}}$
$\times 4 . \sqrt{\frac{1-\sin A}{\cos A}}$
Q. 2 If the diameter of a sphere is reduced to its half, then the volume would be:

Ans

1. increased by $\frac{1}{4}$ of the former volume
2. reduced by $\frac{1}{4}$ of the former volume
3. increased by $\frac{1}{8}$ of the former volume
4. reduced by $\frac{1}{8}$ of the former volume
Q. 3 The HCF of 3888 and 3969 is:

Ans

1. 81
2. 73
3. 83
4. 71

Question ID : 264330145042
Option 1 ID : 264330568423
Option 2 ID : 264330568426
Option 3 ID : 264330568425
Option 4 ID : 264330568424
Status: Answered
Chosen Option: 1
Q. 4 Which is the smallest natural number that is exactly divisible by each of 96,108 and 144?
Ans

1. 864
2. 2592
3. 1296
4. 1728
Q. 5 Find the HCF of 240, 280 and 560.

Ans
X 1.30
$\times 2.10$
X3. 20
4. 40

Question ID : 26433065034
Option 1 ID : 264330254731
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 5 4 7 3 0}$
Option 3 ID : 264330254729
Option 4 ID : 264330254728 Status : Answered

Chosen Option : 4
Q. 6 The following table shows the number of mobile phones sold by four different stores in four different years.

| Stores | 2012 | 2013 | 2014 | 2015 |
| :--- | :--- | :--- | :--- | :--- |
| P | 178 | 183 | 205 | 225 |
| Q | 133 | 198 | 220 | 235 |
| R | 284 | 250 | 220 | 198 |
| S | 225 | 243 | 199 | 205 |

Find the difference between the number of mobile phones sold by store Q in 2013 and store S in 2015.

Ans
$\times 1.12$

- 2.7
$\times 3.10$
$\times 4.8$
Q. 7 The table below shows the production of jute fabric (in lakh metre) by two Companies P and Q during 2001 to 2005.

| Year | Company P | Company Q |
| :--- | :--- | :--- |
| 2001 | 100 | 96 |
| 2002 | 120 | 130 |
| 2003 | 108 | 100 |
| 2004 | 190 | 180 |
| 2005 | 240 | 275 |

In which year/years, did Company $\mathbf{Q}$ produce more fabric than Company $P$ ?
Ans
< 1.2002
< 2.2005
X 3.2003,2005
4. 2002, 2005

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Question ID : 264330165072
Option 1 ID : 264330647415
Option 2 ID : 264330647417
Option 3 ID : 264330647418
Option 4 ID : 264330647416
Status: Answered
Chosen Option: 1
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Q. 8 A car, during its entire journey of 5 hours, travels the first 45 minutes at a certain speed, the next 75 minutes at a speed of $85 \mathrm{~km} / \mathrm{h}$, and the last 3 hours at a speed of 70 $\mathrm{km} / \mathrm{h}$. During its entire journey, the average speed of the car is found to be $73 \mathrm{~km} / \mathrm{h}$. What is the speed (in $\mathrm{km} / \mathrm{h}$ ) of the car during the first 45 minutes?
Ans

1. 65
2. 68
(3. 62
4.72
Q. 9 Peter invested a certain sum of money in a scheme paying $10 \%$ simple interest per annum, while Rachel invested half of the sum that Peter invested in a scheme paying $10 \%$ interest per annum compounded annually. Also, while Peter invested for 2 years, Rachel invested for 3 years. If the difference in the interest earned by Peter and Rachel was ₹897, what was the sum that Rachel had invested?
Ans
3. ₹ 13,000
4. ₹ 12,900
5. ₹ 13,100
6. ₹12,960
Q. 10 The price of almonds is increased by $10 \%$. By what percentage should the consumption be decreased so that the expenditure remains the same?

Ans

1. $9 \frac{1}{11} \%$
2. $5 \frac{3}{11} \%$

X 3. $8 \frac{1}{11} \%$
X4. $10 \frac{3}{11}$ \%
Q. 11 A vendor marked the selling price of a table at ₹5,670 after adding $35 \%$ profit to its cost price. Since the sale was very low at this price level, he decided to sell the table with $12 \%$ profit. Find the new selling price (in ₹).
Ans

1. 4,810
2. 4,750
3. 4,704
4. 4,608
Q. 12 The time taken to travel the same distance by three cars is in the ratio of 12:15:10.

What is the ratio of the speeds of the three cars?
Ans
X1. $4: 5: 6$
X2.4:6:5

- 3. 5:4:6

X4.5:6:4
Q. 13 Find the area of a triangle whose length of two sides are 4 cm and 5 cm and the angle between them is $45^{\circ}$.

Ans
$X$ 1. $4 \sqrt{2} \mathrm{~cm}^{2}$
2. $7 \sqrt{2} \mathrm{~cm}^{2}$
3. $5 \sqrt{2} \mathrm{~cm}^{2}$

X4. $6 \sqrt{2} \mathrm{~cm}^{2}$
Q. 14 If a shopkeeper allows a discount of $10 \%$ to his customers and still gains $\mathbf{3 0 \%}$, then the marked price of an article which costs ₹450 is:
Ans

1. ₹700
2. ₹650
3. ₹500
4. ₹750
Q. 15 The fourth proportional to $0.3,0.8$ and 0.108 is:

Ans
X 1.0 .144
X2. 0.124
3. 0.288

X4. 0.482
Q. 16 Simplify the given expression.

$$
\frac{(3.254 \times 3.254 \times 3.254)-(0.746 \times 0.746 \times 0.746)}{(3.254 \times 3.254)+(0.746 \times 0.746)+(3.254 \times 0.746)}
$$

Ans
X 1.3 .156
X2. 4.508
X 3.2 .146
4. 2.508
Q. 17 The price of a land passing through three hands rises on the whole by $65 \%$. The first and second sellers earned $20 \%$ and $25 \%$ profit, respectively. Find the profit percentage earned by the third seller.
Ans

1. $10 \%$
2. $20 \%$
3. $25 \%$
4. $15 \%$
Q. 18 Study the given table and answer the question that follows.

The table shows the number of people who responded to a survey about their favourite style of music.

| Age | $18-20$ | $21-30$ | $31+$ |
| :---: | :---: | :---: | :---: |
| Classical | 8 | 5 | 15 |
| Pop | 5 | 11 | 10 |
| Hip-Hop | 6 | 9 | 8 |
| Rock | 9 | 7 | 13 |
| Total | 28 | 32 | 46 |

What percentage of the total sample indicated that Rock is their favourite style of music (rounded off to 2 decimal places)?
Ans
1.27.36\%

X 2. 18.25\%
X 3. $29.65 \%$
X 4.22.35\%
Q. 19 The following table shows the percentage population of four towns below poverty line and the proportion of males and females:

| Town | Percentage of <br> population below <br> poverty line | Below poverty line | Above poverty <br> line |
| :--- | :--- | :--- | :--- |
|  | Male $:$ Female | Male $:$ Female |  |
| A | 10 | $1: 3$ | $3: 2$ |
| B | 15 | $3: 4$ | $1: 2$ |
| C | 20 | $2: 3$ | $5: 3$ |
| D | 25 | $4: 5$ | $5: 4$ |

If the total population of town C is 8000 then what is the number of females above the poverty line in state C ?
Ans
X 1.2000
X 2. 2200

- 3.2400
4.2600
Q. 20 The value of $\frac{(157 \times 157)+(157 \times 133)+(133 \times 133)}{(157 \times 157 \times 157)-(133 \times 133 \times 133)}$ is:

Ans

1. $\frac{1}{24}$
2. 24
3. 290
4. $\frac{1}{290}$
Q. 21 The number of hours spent by a student on different activities as shown in the following pie chart:


The central angle corresponding to the sleeping time is what percentage of the whole central angle?

Ans
X 1.66.66\%
2. 33.33\%
$\times 3.55 \%$
$\times 4.50 \%$
Q. 22 The area of a rectangular field is $480 \mathrm{~m}^{2}$. If the length is $20 \%$ more than the breadth, then the length of the rectangular field is:
Ans
X 1.30 m
X 2.20 m
3. 24 m
4. 27 m

Question ID : 264330165653
Option 1 ID : 264330649691
Option 2 ID : 264330649694
Option 3 ID : 264330649693
Option 4 ID : 264330649692
Status : Answered
Chosen Option: 3
Q. 23 In a circle centred at $O, P Q$ is a tangent at $P$. Furthermore, $A B$ is the chord of the circle and is extended to $Q$. If $P Q=12 \mathrm{~cm}$ and $Q B=8 \mathrm{~cm}$, then the length of $A B$ is equal to:
Ans
X 1.20 cm
X2. 4 cm

- 3.10 cm
$\times 4.8 \mathrm{~cm}$

Question ID : 264330165494
Option 1 ID : 264330649058
Option 2 ID : 264330649055
Option 3 ID : 264330649057
Option 4 ID : 264330649056
Status: Answered
Chosen Option: 1
Q. 24 The upstream speed of a boat is $8 \mathrm{~km} / \mathrm{h}$ and the downstream is $15 \mathrm{~km} / \mathrm{h}$. What is the speed of the boat in still water and the speed of the stream (in $\mathrm{km} / \mathrm{h}$ ), respectively?
Ans
X 1.11 and 3
2. 3 and 11
3. 11.5 and 3.5
4. 3.5 and 11.5
Q. 25 A number is first decreased by $28 \%$ and then increased by $28 \%$. The number so obtained is 784 less than the original number. Find the value of the original number.

Ans
(1. 1000
2. 15000
3. 10000

X4. 1500
Q. 26 The following pie chart shows the number of students who failed in different subjects in an examination. Examine the chart and answer the following question. The total number of students who have failed is 350 .


The number of students failed in mathematics is less than the number of students failed in all other subjects by:
Ans
$\times 1.190$
X2. 256
(3. 95
4. 161
Q. 27 Simplify the following.
$19 \div 5$ of $(27-\overline{15-21})+37$
Ans
-1. $\frac{6124}{165}$
2. $\frac{19}{165}$
(3. $\frac{6142}{165}$
4. $\frac{37}{165}$
Q. 28 The price of a stock increased by $30 \%$ in the first year and decreased by $20 \%$ in the second year. If an investor bought 100 shares of the stock for $₹ 1,000$, then what is the final value of the investment after 2 years?
Ans
< 1. ₹960
2. ₹ 1,040
3. ₹1,400
4. ₹ 1,020
Q. 29 The LCM of two numbers is 660 and their HCF is 5 . If one of the numbers is 55 , find the other.
Ans

1. 275
2. 12
< 3.110
3. 60

Question ID : 264330102312
Option 1 ID : 264330401714
Option 2 ID : 264330401713
Option 3 ID : 264330401716
Option 4 ID : 264330401715
Q. 30 Some medicine in liquid form is prepared in a hemispherical container of diameter 36 cm . When the container is full of medicine, the medicine is transferred to small cylindrical bottles of diameter 6 cm and height 6 cm . How many bottles are required to empty the container?

Ans
$\times 1.76$

- 2.72
$\times 3.70$

4. 75
Q. 31 Tom can do a piece of work in 7 days, whereas Jay can do the same work in 14 days.

How long will they take to finish the work if both work together?
Ans
$\times 1.5 \frac{2}{3}$ days
2. $4 \frac{2}{3}$ days
3. $7 \frac{2}{3}$ days

X4. $2 \frac{2}{3}$ days
Q. 32 Two trains of lengths 200 m and 250 m are running on parallel rail tracks at speeds of $68 \mathrm{~km} / \mathrm{h}$ and $50 \mathrm{~km} / \mathrm{h}$, respectively. In how much time (in seconds) will they cross each other if they are running in the same direction?
Ans

- 1.90
$\times 2.85$
$\times 3.80$
4.75
Q. 33 Travelling a distance of 1000 km, a train slowed down due to repairs of the tracks. Its average speed for the trip reduced by $75 \mathrm{~km} / \mathrm{h}$ and the time of travel increased by 3 hours. The original duration of the travel is:

Ans
$\times 1.6$ hours
2. 5 hours
3. 5.5 hours
4. 6.5 hours
Q. $347 \sin ^{2} A+3 \cos ^{2} A=4$, then find $\cot A$ :

Ans

1. $\sqrt{3}$
2. $\sqrt{2}$
3. $\frac{1}{\sqrt{2}}$
4. $\frac{1}{\sqrt{3}}$
Q. 35 If $\sec A-\tan A=p$, then find the value of $\sec A$.

Ans

1. $\frac{p^{2}-1}{p^{2}+1}$
2. $\frac{p^{2}+1}{p^{2}-1}$
3. $\frac{p^{2}+1}{p}$
4. $\frac{p^{2}+1}{2 p}$
Q. $362\left(\sin 1^{\circ} \times \sec 89^{\circ}\right)+3\left(\cos 11^{\circ} \times \operatorname{cosec} 79^{\circ}\right)+5\left(\tan 21^{\circ} \times \tan 69^{\circ}\right)=?$

Ans
$\times 1.11$
$\times 2.12$
$\times 3.20$

- 4.10

Question ID : 264330145124
Option 1 ID : 264330568753
Option 2 ID : 264330568751
Option 3 ID : 264330568752
Option 4 ID : 264330568754 Status: Answered

Chosen Option : 4
Q. 37 A person has three iron bars whose lengths are 20, 30 and 40 metres, respectively. He wants to cut pieces of the same length from each of the three bars. What is the least number of total pieces if he cuts without any wastage?

Ans
$\times 1.8$
< 2.10
3. 9

- 4.11
Q. 38 In a $\triangle P Q R, \angle P: \angle Q: \angle R=3: 4: 8$. The shortest side and the longest side of the triangle, respectively, are:
Ans

1. $P Q$ and $P R$
2. $Q R$ and $P R$
3. $P Q$ and $Q R$
4. $Q R$ and $P Q$
Q. 39 In a triangle ABC , if $\angle \mathrm{B}=90^{\circ}, \angle \mathrm{C}=45^{\circ}$ and $\mathrm{AC}=4 \mathrm{~cm}$, then the value of BC
is:
Ans
5. $\sqrt{2} \mathrm{~cm}$
$\times 2.4 \mathrm{~cm}$

- 3. $2 \sqrt{2} \mathrm{~cm}$
$\times 4.4 \sqrt{2} \mathrm{~cm}$
Q. 40 Study the given pie-chart and answer the question that follows.

The pie-chart shows the number of boys studying in play group of various schools
(A, B, C).

## Total number of boys $=2000$



What is the average number of boys studying in schools A and C ?
Ans
$\times 1.740$
$\times 2.920$
$\times 3.560$
4. 680
Q. 41 In an office, 75 employees can finish a project in 60 days. After few days, 15 employees left the job and the project was completed in 65 days. After how many days did the 15 employees leave?
Ans
$\times 1.50$
$\times 2.45$
$\times 3.30$
4. 40

Question ID : 264330118107
Option 1 ID : 264330464245
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 6 4 2 4 4}$
Option 3 ID : 264330464246
Option 4 ID : 264330464243
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 42 Ramesh borrowed $₹ 15,000$ at a certain rate of simple interest from a bank. He repaid (the principal but not interest) ₹6,000 after 5 years, and after 5 more years he paid $₹ 18,600$ and settled his account. Find the rate of simple interest per annum.
Ans
X $1.12 \%$
X 2. 10\%

- $3.8 \%$

X4.6\%
Q. 43 Let $A B C, P Q R$ be two congruent triangles such that $\angle A=\angle P=90^{\circ}$. If $B C=17 \mathrm{~cm}, P R=$ 8 cm , find $A B$ (in cm).
Ans
X 1.12
2. 15
3. 14
4.9
Q. 44 Study the pie-chart given below, and answer the question that follows.

Percentage-wise break up of students in terms of specialisation in BTech

TOTAL NUMBER OF STUDENTS $=6700$


What is the total number of students having specialisation in CSE, ECE and CIVIL?
Ans
v 1.2680
X 2.2840
X 3.2860
$\times 4.2480$
Q. 45 The LCM and HCF of two numbers are 1105 and 5. If the LCM is 17 times the first number, then find the two numbers.

Ans

1. 65 and 85
2. 55 and 85
3. 65 and 75
4. 60 and 80
Q. 46 Akshita and Raina are typing a book, but have only one laptop to work upon. They decided that they will work on alternate basis such that Akshita works for the first day, Raina works for the second day, Akshita for the third day and so on. Akshita alone can finish the typing work in 16 days, while Raina will take 24 days if she works alone on the entire book. How many days will they take to finish the typing work if they work on alternate basis?
Ans
(1. 15
5. 18

- 3.19

4. 17
Q.47 A train covers a distance of 540 km between two stations in 240 minutes. It travels at a speed of $90 \mathrm{~km} / \mathrm{h}$ to another station in 5 hours. What is the average speed of the train (in km/h)?
Ans
X1. 112
5. 110
(3. 100
6. 120

Question ID : 264330106345
Option 1 ID : 264330417681
Option 2 ID : 264330417684
Option 3 ID : 264330417682
Option 4 ID : 264330417683
Status: Answered
Chosen Option : 2
Q. 48 The heights of two cones are in the ratio 7:5 and their diameters are in the ratio $10: 21$. What is the ratio of their volumes? (Where $\pi=\frac{22}{7}$ )
Ans
X 1. 26:47
X 2. 14:19
3. 20:63
X. 17:21
Q. 49 What is the difference between a single discount of $35 \%$ on ₹ 700 and two successive discounts of $18 \%$ and $12 \%$ on the same amount (correct to two places of decimals)?

Ans
X 1 . ₹51.20
2. ₹50.12
3. ₹52.10
4. ₹49.80

Question ID : 264330165523
Option 1 ID : 264330649171
Option 2 ID : 264330649173
Option 3 ID : 264330649172
Option 4 ID : 264330649174
Status: Not Attempted and
Chosen Option : --
Q. 50 Study the given pie-chart and answer the question that follows.

The pie-chart shows the sale of different fruits in a shop in a day.


If a total of 1200 kg of fruits were sold in a day, calculate the amount of bananas sold (in kg).
Ans

1. 360

X2. 290
X 3.330
-4. 260

[^4]Q. 1 Select the most appropriate ANTONYM of the given word.

Transparent
Ans

1. Crossover
2. Linger
3. Opaque
4. Oppress

Question ID : 264330164277
Option 1 ID : 264330644333
Option 2 ID : 264330644332
Option 3 ID : 264330644334
Option 4 ID : 264330644331 Status : Answered
Chosen Option : 3
Q. 2 Select the most appropriate meaning of the underlined idiom. The office management was in dire straits after the financial crash.
Ans
X 1. To be extremely happy
2. In a very bad situation
3. Being direct or fair
4. To walk on already trodden paths
Q. 3 Select the INCORRECTLY spelt word.

Ans
X 1. Puzzled
X 2. Nasal
2. Councel
4. Embezzlement
Q. 4 Select the option that can be used as a one-word substitute for the given group of words.

Lasting for a very short time
Ans
X 1. Eternal
2. Ephemeral

X 3. Blasphemy
X 4. Chronology

Question ID : 26433091809
Option 1 ID : 264330360575
Option 2 ID : 264330360576
Option 3 ID : 264330360573
Option 4 ID : 264330360574
Status: Answered
Chosen Option: $\mathbf{2}$
Q. 5 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.
Do you believe that you have a possibility of getting that job?
Ans

1. spill the beans
2. snow job
3. stand a chance
4. shoot the breeze
Q. 6 Select the most appropriate synonym of the given word.

## Aggravate

Ans

1. Annoy

X 2. Mitigate
X 3. Enhance
4. Satisfy
Q. 7 Choose the idiom that can best substitute the underlined part of the given sentence.

Shelley ignored her father's wish of studying arts and instead took admission in commerce.

Ans

1. Blew over
2. Big fish
3. Bid defiance to
4. Beyond the pale
Q. 8 Select the most appropriate meaning of the given idiom.

Get your act together
Ans

1. To ruin one's plans
2. To organise yourself so that you can do something properly
3. To get the conversation going
4. To understand something complicated
Q. 9 Identify from the given options the word most similar in meaning to the underlined word according to its meaning in the following sentence.
He is a person who holds old fashioned opinions.
Ans
5. obsolete
6. ancient
7. antique
8. senior citizen
Q. 10 Select the most appropriate option that can substitute the underlined words in the given sentence.

Kiran's teacher was doubtful on her success.
Ans
X 1. doubtful beyond
2. doubtful in
3. doubtful off
4. doubtful of

Question ID : 26433099936
Option 1 ID : 264330392319
Option 2 ID : 264330392318
Option 3 ID : 264330392320
Option 4 ID : 264330392317
Status: Answered
Chosen Option: 4
Q. 11 Select the correct spelling for the INCORRECTLY spelt word in the given sentence.

The Eustachian tube and vestubular complex in the middle and inner ear, respectively, have an important role to play.
Ans

1. vestibular
2. midle
3. respictevely
4. importent

Question ID : 26433090499
Option 1 ID : 264330355445
Option 2 ID : 264330355446
Option 3 ID : 264330355447
Option 4 ID : 264330355448
Q. 12 Select the most appropriate idiom to fill in the blank.

There are others waiting to grab an opportunity; if you don't act fast, you are going to
$\qquad$ —.
Ans

1. be in the same boat
2. a full boat
3. push the boat out
4. miss the boat
Q. 13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Mr. Khanna and family / have visit / Manali during / the summer vacation.
Ans
5. have visit
6. Mr. Khanna and family
7. the summer vacation.
8. Manali during
Q. 14 Select the most appropriate idiom for the given situation.

He started with an online company and became a millionaire. Then, he sold it and invested in the share market and earned more money. Now, he has invested in the transportation industry and is generating huge wealth. What does he have?
Ans
< 1. As genuine as a three-dollar bill
2. Midas touch

X 3. Rule of thumb
4. Sticky fingers
Q. 15 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

There was no other book / in the English language / which is as interesting as this one.
Ans

1. There was no other book
2. in the English language
3. No error
4. which is as interesting as this one
Q. 16 Select the option that can be used as a one-word substitute for the given group of words.

Very attractive and easy to feel love for
Ans
X 1. Flamboyant
2. Adorable

X 3. Mysterious
X 4. Laudable
Q. 17 Select the most appropriate meaning of the underlined word.

He uses one of the finest ingredients in his cooking.
Ans

1. Components
2. Mixtures

X 3. Culinary
X 4. Preparations
Q. 18 Select the most appropriate ANTONYM of the given word.

## Abhor

Ans

1. Occupy
2. Despise
3. Danger
4. Love

Question ID : 264330163376
Option 1 ID : 264330640794
Option 2 ID : 264330640791
Option 3 ID : 264330640792
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 9 3}$
Q. 19 Select the option that can be used as a one-word substitute for the underlined words.

He was not willing to attend the technical session of the conference.
Ans
X 1. dejecting
2. reluctant
3. curious
4. comprehensive

Question ID : 26433099922
Option 1 ID : 264330392269
Option 2 ID : 264330392270
Option 3 ID : 264330392272
Option 4 ID : 264330392271
Status: Answered
Q. 20 Select the option that can be used as a one-word substitute for the given group of words.
A disease prevalent in a community or a specific region at a specific time, affecting a large area.
Ans
X 1. Pandemic
X 2. Eradicate
3. Epidemic
4. Endemic
Q. 21 Select the most appropriate ANTONYM of the given word.

Apex
Ans

1. Pinnacle
2. Bottom
3. Farthest
4. Watchful
Q. 22 Select the most appropriate meaning of the underlined word. Ram was abandoned by his parents at a very early age.
Ans
X 1. Loved
5. Left
6. Hated
7. Disgraced
Q. 23 Select the most appropriate meaning of the given idiom.

Part and parcel
Ans
X 1. Passing blame to someone else
X 2. Agreement with someone
X 3. A payment system for parcels
4. Basic or essential element
Q. 24 Choose the most appropriate meaning of the underlined phrase. What we need is skilled and energetic planning and elbow grease.
Ans
X 1. The grease that is earned through labour
X 2. Hard work that one puts into cleaning one's elbow
X 3. Hard work that one puts into removing grease
4. Hard work that one puts into doing something
Q. 25 Select the most appropriate synonym of the given word.

## Robe

Ans
X 1. Robbery
X 2. Mishap
X 3. Success
4. Cloak
Question ID : 264330163358

Option 1 ID : 264330640723
Option 2 ID : 264330640725
Option 3 ID : 264330640726
Option 4 ID : 264330640724
Status: Not Attempted and
Chosen Option: --
Q. 26 Select the most appropriate meaning of the given idiom. A snowball effect
Ans

1. An accelerating growth of magnitude
2. Trick someone completely
3. Cold and uncomfortable
4. Slow movement
Q. 27 Some words in the following sentence have been underlined and given as options. Select the option that contains a spelling error.
Roshni does a fabulouous job at her company and has been offered a promotion.
Ans
5. fabulouous
6. company

X 3. promotion
4. offered
Q. 28 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I have never / come to / such a kind person / like my friend.
Ans
X 1 . such a kind person
X 2. like my friend
3. come to
4. I have never
Q. 29 Select the most appropriate option that can substitute the underlined word in the given sentence.

The Board of Film Analysts vituperated the novice Indonesian film-maker and cancelled its nomination for the 'Golden Globe Award'.

Ans
Х 1. lamented the untimely death of
2. censured with harsh and abusive language
3. dealt in a delicate and polite manner
4. recognised and praised the talent of
Q. 30 Select the most appropriate idiom to substitute the underlined segment in the given sentence.
My final round of Spell Bee Competition is coming up and to win this event, I need to study hard from today.
Ans
X 1. burn the books
2. hit the books
$\times$ 3. cut to the chase
4. pour my heart out
Q. 31 Select the option that can be used as a one-word substitute for the given group of words.

To have a strong emotional effect on.
Ans
$X 1$. To forfeit
2. To overwhelm

X 3. To smother
X 4. To yield
Q. 32 Select the INCORRECTLY spelt word.

Ans

1. Ocassion

X 2. Agreeable
X 3. Formulae
4. Waitress
Q. 33 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Harry is the one sitting on the corner.
Ans
X 1. No substitution required
2. upon
3. onto
4. in
Q. 34 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
Communities must build their resileince, including adopting appropriate technologies while making the most of traditional knowledge, and diversifying their livelihoods to cope with current and future climate stress.

Ans
X 1. livelihoods
2. diversifying
3. appropriate
4. resileince
Q. 35 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The university has putting off / the semester examination / for the second time now / due to technical issues.

Ans
$X$ 1. the semester examination
2 2. due to technical issues
X 3. for the second time now
ح 4. The university has putting off

Question ID : 264330145278
Option 1 ID : 264330569368
Option 2 ID : 264330569370
Option 3 ID : 264330569369
Option 4 ID : 264330569367
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 36 Select the correct option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

Her smile is similar to her mother.
Ans
X1. No substitution
2. her mother's
3. mother
4. the mother
Q. 37 Select the most appropriate ANTONYM of the given word.

Inquisitive
Ans

1. Careful
2. Dull
3. Uninterested
4. Indolent

Question ID : 264330120606
Option 1 ID : 264330472666
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 7 2 6 6 4}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 7 2 6 6 3}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 7 2 6 6 5}$
Status: Answered
Chosen Option : 3
Q. 38 Parts of the following sentence have been given as options. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Anant was telling a story about his most recent exploits when a tree branch break the living room window.
Ans

1. about his most recent exploits
2. when a tree branch break the living room window

X 3. Anant was telling a story
X4. No error

Question ID : 26433092136
Option 1 ID : 264330361858
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 6 1 8 5 9}$
Option 3 ID : 264330361857
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 6 1 8 6 0}$ Status: Answered
Chosen Option : 2
Q. 39 Select the option that can be used as a one-word substitute for the given group of words.

An animal or a person that eats all types of food, especially plants and meat
Ans
X 1. Vegetarian
X 2. Herbivore
3. Omnivore
4. Carnivore

## Q. 40 Select the most appropriate ANTONYM of the given word.

## Bombastic

Ans

1. Essential
2. Sarcastic
3. Plain
4. Rhythmic

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Among the largest species of cats in the world, tigers are powerful hunters with (1) teeth, strong jaws and agile bodies. They range across Asia from Russia all the way to Sumatra and mainland Southeast Asia. Researchers still have much to learn (2) $\qquad$ these beautiful, endangered (3) $\qquad$ -.
There is currently one recognized species of tiger, Panthera tigris. Scientists have further (4) the tiger into nine subspecies: the extinct Bali, Caspian and Javan subspecies, and the living Malayan, Sumatran, South China, Indochinese, Bengal and Amur (or Siberian) subspecies. Of these six subspecies, AZA-accredited zoos currently manage three: Amur, Malayan, and Sumatran. The Smithsonian's National Zoo and Conservation Biology Institute is home to Sumatran and Amur tigers; Sumatran tigers are (5) $\qquad$ as Critically
Endangered on the International Union for Conservation of Nature's Red List, and Amur tigers have been classified as Endangered.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill blank number 1.

Ans
X 1. Long
X 2. Small
3. Blunt
4. Sharp

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Among the largest species of cats in the world, tigers are powerful hunters with (1) $\qquad$ teeth, strong jaws and agile bodies. They range across Asia from Russia all the way to
Sumatra and mainland Southeast Asia. Researchers still have much to learn (2) $\qquad$ these beautiful, endangered (3) $\qquad$ _.
There is currently one recognized species of tiger, Panthera tigris. Scientists have further (4) the tiger into nine subspecies: the extinct Bali, Caspian and Javan subspecies, and the living Malayan, Sumatran, South China, Indochinese, Bengal and Amur (or Siberian) subspecies. Of these six subspecies, AZA-accredited zoos currently manage three: Amur, Malayan, and Sumatran. The Smithsonian's National Zoo and Conservation Biology Institute is home to Sumatran and Amur tigers; Sumatran tigers are (5) $\qquad$ as Critically
Endangered on the International Union for Conservation of Nature's Red List, and Amur tigers have been classified as Endangered.

SubQuestion No : 42

## Q. 42 Select the most appropriate option to fill blank number 2.

Ans
$\times 1$. With
X 2. Into
2. About

X4. Along

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Among the largest species of cats in the world, tigers are powerful hunters with (1) $\qquad$
teeth, strong jaws and agile bodies. They range across Asia from Russia all the way to
Sumatra and mainland Southeast Asia. Researchers still have much to learn (2) $\qquad$
these beautiful, endangered (3) $\qquad$ .
There is currently one recognized species of tiger, Panthera tigris. Scientists have further (4)
the tiger into nine subspecies: the extinct Bali, Caspian and Javan subspecies, and
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subspecies. Of these six subspecies, AZA-accredited zoos currently manage three: Amur,
Malayan, and Sumatran. The Smithsonian's National Zoo and Conservation Biology Institute is home to Sumatran and Amur tigers; Sumatran tigers are (5) $\qquad$ as Critically
Endangered on the International Union for Conservation of Nature's Red List, and Amur tigers have been classified as Endangered.

SubQuestion No : 43
Q. 43 Select the most appropriate option to fill blank number 3.

Ans
X1. Rabbits
2. Cats

X 3. Elephants
$\times 4$. Dogs

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Among the largest species of cats in the world, tigers are powerful hunters with (1) $\qquad$ teeth, strong jaws and agile bodies. They range across Asia from Russia all the way to
Sumatra and mainland Southeast Asia. Researchers still have much to learn (2) $\qquad$ these beautiful, endangered (3) $\qquad$ -

There is currently one recognized species of tiger, Panthera tigris. Scientists have further (4) the tiger into nine subspecies: the extinct Bali, Caspian and Javan subspecies, and the living Malayan, Sumatran, South China, Indochinese, Bengal and Amur (or Siberian) subspecies. Of these six subspecies, AZA-accredited zoos currently manage three: Amur, Malayan, and Sumatran. The Smithsonian's National Zoo and Conservation Biology Institute is home to Sumatran and Amur tigers; Sumatran tigers are (5) $\qquad$ as Critically
Endangered on the International Union for Conservation of Nature's Red List, and Amur tigers have been classified as Endangered.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill blank number 4.

Ans
X 1. Declared
X 2. Restricted
X 3. Generalized
4. Classified

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Among the largest species of cats in the world, tigers are powerful hunters with (1) $\qquad$
teeth, strong jaws and agile bodies. They range across Asia from Russia all the way to
Sumatra and mainland Southeast Asia. Researchers still have much to learn (2) $\qquad$
these beautiful, endangered (3) $\qquad$ .
There is currently one recognized species of tiger, Panthera tigris. Scientists have further (4)
the tiger into nine subspecies: the extinct Bali, Caspian and Javan subspecies, and
the living Malayan, Sumatran, South China, Indochinese, Bengal and Amur (or Siberian)
subspecies. Of these six subspecies, AZA-accredited zoos currently manage three: Amur,
Malayan, and Sumatran. The Smithsonian's National Zoo and Conservation Biology Institute is home to Sumatran and Amur tigers; Sumatran tigers are (5) $\qquad$ as Critically
Endangered on the International Union for Conservation of Nature's Red List, and Amur tigers have been classified as Endangered.

SubQuestion No: 45
Q. 45 Select the most appropriate option to fill blank number 5.

Ans
X 1. Numerated
X 2. Detailed
X 3. Recorded
4. Listed

## Comprehension:

Read the given passage and answer the questions that follow.
What if globally designed products could radically change how we work, produce and consume? Several examples across continents show the way we are producing and consuming goods could be improved by relying on globally shared digital resources, such as design, knowledge and software.
Imagine a prosthetic hand designed by geographically dispersed communities of scientists, designers and enthusiasts in a collaborative manner via the web. All knowledge and software related to the hand is shared globally as a digital commons.
People from all over the world who are connected online and have access to local manufacturing machines (from 3D printing and CNC machines to low-tech crafts and tools) can, ideally with the help of an expert, manufacture a customised hand. This is the case of the Open Bionics project, which produces designs for robotic and bionic devices.
There are no patent costs to pay for. Less transportation of materials is needed, since a considerable part of the manufacturing takes place locally; maintenance is easier, products are designed to last as long as possible, and costs are thus much lower.

SubQuestion No: 46
Q. 46 Identify the most suitable title for the given passage.
$X$ 1. Knowledge Explosion
2. Customised Hand
3. Shared Information
4. Digital Globalisation
Question ID: $\mathbf{2 6 4 3 3 0 1 3 6 4 8 2}$
Option 1 ID: $\mathbf{2 6 4 3 3 0 5 3 4 6 7 8}$
Option 2 ID: $\mathbf{2 6 4 3 3 0 5 3 4 6 7 6}$
Option 3 ID: $\mathbf{2 6 4 3 3 0 5 3 4 6 7 5}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 5 3 4 6 7 7}$
Status: Answered
Chosen Option: $\mathbf{3}$

## Comprehension:

Read the given passage and answer the questions that follow.
What if globally designed products could radically change how we work, produce and consume? Several examples across continents show the way we are producing and consuming goods could be improved by relying on globally shared digital resources, such as design, knowledge and software.
Imagine a prosthetic hand designed by geographically dispersed communities of scientists, designers and enthusiasts in a collaborative manner via the web. All knowledge and software related to the hand is shared globally as a digital commons.
People from all over the world who are connected online and have access to local manufacturing machines (from 3D printing and CNC machines to low-tech crafts and tools) can, ideally with the help of an expert, manufacture a customised hand. This is the case of the Open Bionics project, which produces designs for robotic and bionic devices.
There are no patent costs to pay for. Less transportation of materials is needed, since a considerable part of the manufacturing takes place locally; maintenance is easier, products are designed to last as long as possible, and costs are thus much lower.

SubQuestion No : 47
Q. 47 What is the term used in the passage for globally shared digital things?

Ans

1. Digital commons
$X$ 2. Digital information
X 3. Digital resources
X 4. Digital world

## Comprehension:

Read the given passage and answer the questions that follow.
What if globally designed products could radically change how we work, produce and consume? Several examples across continents show the way we are producing and consuming goods could be improved by relying on globally shared digital resources, such as design, knowledge and software.
Imagine a prosthetic hand designed by geographically dispersed communities of scientists, designers and enthusiasts in a collaborative manner via the web. All knowledge and software related to the hand is shared globally as a digital commons.
People from all over the world who are connected online and have access to local manufacturing machines (from 3D printing and CNC machines to low-tech crafts and tools) can, ideally with the help of an expert, manufacture a customised hand. This is the case of the Open Bionics project, which produces designs for robotic and bionic devices.
There are no patent costs to pay for. Less transportation of materials is needed, since a considerable part of the manufacturing takes place locally; maintenance is easier, products are designed to last as long as possible, and costs are thus much lower.

SubQuestion No : 48
Q. 48 What is the tone of the author?

Ans

1. Speculative
2. Caustic
3. Acerbic
4. Belligerent

## Comprehension:

Read the given passage and answer the questions that follow.
What if globally designed products could radically change how we work, produce and consume? Several examples across continents show the way we are producing and consuming goods could be improved by relying on globally shared digital resources, such as design, knowledge and software.
Imagine a prosthetic hand designed by geographically dispersed communities of scientists, designers and enthusiasts in a collaborative manner via the web. All knowledge and software related to the hand is shared globally as a digital commons.
People from all over the world who are connected online and have access to local manufacturing machines (from 3D printing and CNC machines to low-tech crafts and tools) can, ideally with the help of an expert, manufacture a customised hand. This is the case of the Open Bionics project, which produces designs for robotic and bionic devices.
There are no patent costs to pay for. Less transportation of materials is needed, since a considerable part of the manufacturing takes place locally; maintenance is easier, products are designed to last as long as possible, and costs are thus much lower.

SubQuestion No : 49
Q. 49 Which of the following is NOT a globally shared digital resource?
$X 1$. Knowledge
$X$ 2. Design
3. Automobile

X 4. Software



Question ID : 264330136478
Option 1 ID : 264330534659
Option 2 ID : 264330534660
Option 3 ID : 264330534661
Option 4 ID : 264330534662
Status: Answered
Chosen Option: $\mathbf{3}$

## Comprehension:

Read the given passage and answer the questions that follow.
What if globally designed products could radically change how we work, produce and consume? Several examples across continents show the way we are producing and consuming goods could be improved by relying on globally shared digital resources, such as design, knowledge and software.
Imagine a prosthetic hand designed by geographically dispersed communities of scientists, designers and enthusiasts in a collaborative manner via the web. All knowledge and software related to the hand is shared globally as a digital commons.
People from all over the world who are connected online and have access to local manufacturing machines (from 3D printing and CNC machines to low-tech crafts and tools) can, ideally with the help of an expert, manufacture a customised hand. This is the case of the Open Bionics project, which produces designs for robotic and bionic devices.
There are no patent costs to pay for. Less transportation of materials is needed, since a considerable part of the manufacturing takes place locally; maintenance is easier, products are designed to last as long as possible, and costs are thus much lower.

## SubQuestion No : 50

Q. 50 Select the most suitable word from the passage which means 'scattered'.

Ans
$X$ 1. Collaborative
$X$ 2. Shared
X 3. Customised
4. Dispersed

## Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023

 Paper I| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | ON Digital Zone iDZ Karsua |
| Exam Date | 04/10/2023 |
| Exam Time | 4:00 PM - 6:00 PM |
| Subject | SICPO Paper I 2023 |

## Section: General Intelligence and Reasoning

Q. 1 In a certain code language, 'ACTION' is written as 'TXANLI' and 'DEBATE' is written as 'BVDEGA'. How will 'CHANGE' be written in that language?
Ans

1. ATHFN
2. HRPEIU
3. BJDLER
4. ASCETN
Q. 2 Which of the following numbers will replace the question mark (?) in the given series?

38, 57, 40, 59, 42, ?
Ans
$\times 1.59$
(2. 62
(3. 60
4. 61
Q. 3 Which of the following numbers will replace the question mark (?) in the given series?

112, 129, 150, 175, 204, ?
Ans

1. 240
2. 234
3. 237
4. 245
Q. 4 In a certain code language, 'COACH' is coded as XAOHC and 'BERTH' is coded as WREHT. How will 'TRAIN' be coded in the same language?

Ans

1. OARN
2. PARNI
3. PARIN
4. ONIAR

Question ID : 264330132209
Option 1 ID : 264330517934
Option 2 ID : 264330517931
Option 3 ID : 264330517933
Option 4 ID : 264330517932 Status: Answered
Q. 5 If ' + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$121 \times 11 \div 28-3+46=$ ?
Ans

1. 49
2. 43
(3.65
3. 71
Q. 6 Which of the following terms will replace the question mark (?) in the given series?

LDEA NGIF ? RMQP TPUU
Ans

- 1. PMJK

2. PIMK
3. PMIK
4. PJMK
Q. 7 If '+' means ' - ' , '-' means ' $x$ ' , ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', then what will come in place of (?) in the given equation?
$30+5-2 \times 10 \div 2=$ ?
Ans
$\times 1.50$
5. 31
$\times 3.80$
4.60
Q. 8 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

$\times 3$.

$\times 4$.

Q. 9 In a certain code language, 'HORSE' is coded as 75 and 'MOVE' is coded as 63. How will 'RACE' be coded in that language?

Ans

1. 46
2. 32
3. 48
4. 35

Question ID : 26433074708
Option 1 ID : 264330292922
Option 2 ID : 264330292920
Option 3 ID : 264330292923
Option 4 ID : 264330292921
Q. 10 उस विकल्प का चयन कीजिए, जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है। (शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए, और वह शब्द में अक्षरों की संख्या/व्यंजनोंस्वरों की संख्या के आधार पर एक-दूसरे से संबंधित नहीं होना चाहिए।)

आह (Alas) : शोक (woe) :: सुंदरता (Beauty) : ?
Ans

1. मिटाना (Expunge)
2. असुरूपता (Inelegance)
3. असभ्यता (Crudeness)
4. आकर्षण (Charm)
Q. 11 Sona goes to a park every day for walking. One morning, she started walking from her home and walked 40 km towards the north. Then she turned to the right and walked 60 km. Again, she turned right and walked 40 km . Lastly, she took a left turn and walked 60 km . In which direction and how far is she from her home?
Ans
X1. East, 90 km
5. West, 120 km

X 3. West, 60 km
4. East, 120 km
Q. 12 Which of the following numbers will replace the question mark (?) in the given series?
$3,5,7,12,37,69,357$, ?
Ans

1. 656
2. 645
3. 665
4. 654
Q. 13 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

All plains are mountains.
No sea is a mountain.
Some valleys are seas.
Conclusions:
I. Some valleys are plains.
II. No valley is a mountain.
III. No sea is a plain.

Ans

1. Only conclusion III follows.
2. Only conclusion II follows.
3. Both conclusions I and II follow.
4. Only conclusion I follows.
Q. 14 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.
$P_{-} R R_{-} P Q_{-} S_{-} Q R_{-} S P_{-} R R S$
Ans
X1.RQPQRSQ
X2.SQRRQPR
X 3.SQQRRPQ
5. QSRRPRQ
Q. 15 If $A$ denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation?
16 B 5 A 112 D 8 C 32 = ?
Ans
X 1.65
$\times 2.72$
6. 62
7. 57
Q. 16 Six students Shree, Dayal, Sharda, Tripti, Shrishti and Manju are sitting around a circular table facing the centre (not necessarily in the same order). Shree is an immediate neighbour of both Dayal and Tripti. Manju is sitting second to the right of Dayal. Shrishti is an immediate neighbour of both Manju and Tripti. Who is an immediate neighbour of Sharda?
Ans
8. Dayal
9. Shree

X 3. Tripti
X 4. Shrishti

Question ID : 26433082278
Option 1 ID : 264330322946
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 2 2 9 4 5}$
Option 3 ID : 264330322947
Option 4 ID : 264330322948
Status: Answered
Chosen Option : 1
Q. 17 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
2:26:: ? : 152 :: $27: 1026$
Ans
X 1.6
2. 8

- 3.24
(4.13
Q. 18 Select the figure that will replace the question mark (?) in the following figure series.

| $\circ$ | $\square$ | $\Delta$ | $\diamond$ | $\nabla$ | 0 | $\square$ | $\Delta$ |  | $?$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\Delta$ | $\diamond$ | $\nabla$ | 0 | $\square$ | $\Delta$ | $\diamond$ | $\nabla$ | $?$ |  |
|  |  | $\nabla$ |  | $\square$ |  | $\Delta$ |  |  | 0 | $?$ |

Ans

$\times 2$. $\square$

$\times 3 .$| $\nabla$ | $\square$ |  |
| :--- | :--- | :--- |
|  | 0 | $\diamond$ |
|  |  | $\Delta$ |

$\times 4$.


Question ID : 264330145491
Option 1 ID : $\mathbf{2 6 4 3 3 0 5 7 0 2 2 0}$
Option 2 ID: 264330570219
Option 3 ID : $\mathbf{2 6 4 3 3 0 5 7 0 2 2 2}$
Option 4 ID : 264330570221
Status : Answered Chosen Option : 1
Q. 19 Select a suitable figure from the answer figures which would replace the question mark (?).


Ans


Question ID : 26433066046
Option 1 ID : $\mathbf{2 6 4 3 3 0 2 5 8 7 2 8}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 5 8 7 2 9}$
Option 3 ID : 264330258731
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 5 8 7 3 0}$
Status: Answered
Chosen Option : 2
Q. 20 If ‘ + ' means ' - ', ‘ - ' means ' $x$ ', ‘ $x$ ' means ‘ $\div$ ' and ' $\div$ ' means ' + ', what will come in place of
'?' in the following equation?
$83 \div 12-65 \times 13+47=$ ?
Ans $\times 1.92$

- 2.96
$\times 3.79$
X 4.108

Question ID : 264330101151
Option 1 ID : 264330397149
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 9 7 1 5 1}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 3 9 7 1 5 2}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 9 7 1 5 0}$
Q. 21 In a certain code language, "GBTA" is coded as " 24 " and "ZWQVI" is coded as " 30 ". How will "DLUCPR" be coded in that language?

Ans
1.30
2. 28
3. 24
4. 36
Q. 22 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. Some rooms are cages.
II. Some cages are enclosures.
III. All enclosures are houses.

Conclusions:
I. Some houses are cages.
II. All rooms are enclosures.

Ans $\quad$ 1. Both conclusions I and II follow
2. Only conclusion I follows

X 3. Neither conclusion I nor II follows
4. Only conclusion II follows
Q. 23 If the given sheet is folded to form a cube, which of the given figures are possible?
(The numbers are shown to indicate the sides only.)


Ans
X 1. All 1, 2, 3 and 4
$\times 2$. Only 2 and 3
X 3. Only 1, 2 and 3
4. Only 2,3 and 4
Q. 24 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ‘ $x$ ' means ' $\div$ ’, ‘ $\div$ ’ means ' + ', then what will come in place of the question mark (?) in the following equation?
$14-7 \div 42 \times 6+33=$ ?
Ans

- 1.72
$\times 2.84$
X 3.68
4.56
Q. 25 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans



- 3. 


$\times 4$


Question ID : 264330103005
Option 1 ID : 264330404411
Option 2 ID : 264330404410
Option 3 ID : 264330404412
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 0 4 4 0 9}$
Q. 26 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All kids are small.
Some funny are kids.
Conclusions:
I) Some funny are small.
II) Some small are kids.

Ans
X 1. Only Conclusion I follows
2. Both Conclusions I and II follow.

X 3. Only Conclusion II follows.
X 4. Neither Conclusion I nor II follows.
Q. 27 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Puritan
2.Purpose
3.Purge
4.Purgatory
5.Purify

Ans
X 1.3, 4, 5, 1, 2
X 2.5, 4, 3, 1, 2
X 3.4,5,3,1,2

- $4.4,3,5,1,2$
Q. 28 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?


Ans
$\times 1$

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 29 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6 . Select the number that will be on the face opposite to the one showing ' 4 '.


Ans
$\times 1.5$
2. 1
3. 3
4.6
Q. 30 उस विकल्प का चयन करें, जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है। (शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए, और इनको शब्द में अक्षरों की संख्या/व्यंजनोंस्वरों की संख्या के आधार पर एक-दूसरे से संबंधित नहीं किया जाना चाहिए।) क्हेल (Whale) : स्तनपायी (Mammal) :: मगरमच्छ (Crocodile) : ?
Ans

1. कृंतक (Rodent)
2. उभयचर (Amphibian)
3. समुद्र (Sea)
4. सरीसृप (Reptile)
Q. 31 X, from his house, ran 200 steps towards the east and then ran 30 steps after turning to his right to reach a monastery. He then ran 30 steps towards his right and reached a point W. He then turned again towards his right and ran 30 steps. From there, turning towards his right he ran 130 steps. He then turned towards his left and ran 10 steps to reach a bakery. In which direction is the bakery with respect to $X$ 's house?
Ans
$\times 1$. East
X 2. South-East
5. North-East

X4. North
Q. 32 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

1. NJPM
2. EAFD
3. VRWU
4. LHMK

Question ID : 264330180755
Option 1 ID : 264330708990
Option 2 ID : 264330708987
Option 3 ID : 264330708989
Option 4 ID : 264330708988
Status: Answered
Q. 33 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
5 : 24 :: ? : 143 :: 4 : 15
Ans
$\times 1.7$
2. 12
3.8
4. 11
Q. 34 If ' + ' means 'divided by', ' - ' means 'added to', ' $x$ ' means 'subtracted from' and ' $\div$ ' means 'multiplied by', then what will be the value of the following expression?
$[\{(23 \times 15)-(2 \div 2)\}+(2-4)] \div 2$
Ans

1. 8
2. 2
3. 6
4. 4
Q. 35 Which of the following numbers will replace the question mark (?) in the given series? 261, 232, 203, ?, 145, 116

Ans

1. 174
2. 188
3. 192
4. 186

Question ID : 26433067625
Option 1 ID : 264330265013
Option 2 ID : 264330265015
Option 3 ID : 264330265014
Option 4 ID : 264330265012 Status: Answered
Q. 36 In a certain code language, 'HUSTLE' is written as 'SFHEOT' and 'BRIGHT' is written as 'IIBTSG'. How will 'TUNNEL' be written in that language?

Ans

1. NRTPEN
2. NGTYPN
3. NFTLVN
4. RNLPED
Q. 37 Select the Venn diagram that best illustrates the relationship between the following classes.

Spoon, Soup, Rice
Ans
1.

2.

$\times 3$

$\times 4$

Q. 38 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$


- 4. 


Q. 39 ' $P$ \$ $Q$ ' means ' $P$ is the daughter of $Q$ '
' $P$ ? $Q$ ' means ' $P$ is the son of $Q$ '
' $P$ * $Q$ ' means ' $P$ is the sister of $Q$ '
' $P=Q$ ' means ' $P$ is the father of $Q$ '
If ' $D \$ G * U$ ? $F$ ', how is $G$ related to $F$ ?
Ans
X 1. Father's sister
X 2. Mother's sister
X 3. Brother
4. Daughter
Q. 40 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(13,18,21)$
$(11,25,8)$
Ans
X 1. $(6,10,12)$
X 2. $(4,12,24)$
X 3. $(8,16,23)$
4. $(14,33,9)$
Q. 41 Which two signs should be interchanged to make the given equation correct? $31 \div 48 \times 7-322+23=353$
Ans
$\times 1 . \div$ and -
2. - and $\times$
3. $\times$ and +
4. $\div$ and +
Q. 42 Seven students A, B, C, D, E, F and G are sitting around a circular table facing the centre. $C$ is an immediate neighbour of both $E$ and $F$. $D$ is sitting third to the left of $C$ and to the immediate right of $A$. $A$ is sitting second to the right of $E$. $B$ is an immediate neighbour of both $E$ and $A$. $G$ is to the immediate left of $F$. Who is the immediate neigbour of both $C$ and $G$ ?
Ans
X1.E
2.F

X3.A
X4.D
Q. 43 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Stoop
2. Stoke
3. Storage
4. Stock
5. Storey
6. Stomach

Ans
X 1. 2, 4, 6, 3, 1, 5
X 2. 2, 4, 6, 1, 3, 5
X 3, 4, 2, 6, 3, 1, 5
4. $4,2,6,1,3,5$
Q. 44 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.
Ans
X 1. JEAX
X 2. DYUR
3. WDXC

X 4. QLHE
Q. 45 Select the figure from among the given options that can replace the question mark
(?) in the following series.


Ans

1. | $\times \times$ | 0 |
| :--- | :--- |
| $\times$ | 0 |
| $\times$ | 0 |
| $\times$ | 0 |
|  | 0 |

$\times 2 . |$| $\times$ | 0 |
| :--- | :--- |
| $\times$ | 0 |
| $\times$ | 0 |
| $\times$ |  |
| $\times$ |  |

$\times 3 . \begin{array}{ll}\times & 0 \\ \times & 0 \\ \times & 0 \\ \times & 0\end{array}$
$\times 4 . \begin{array}{ll}\times & 0 \\ \times & 0 \\ \times & 0 \\ \times & 0 \\ \times & 0\end{array}$
Q. 46 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).
$\Sigma$
Ans

Q. 47 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking
down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as
adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(1,16,3)$
$(21,529,2)$
Ans
X 1. $(5,189,8)$
X 2. $(7,364,12)$
X $3 .(11,429,2)$
4. $(8,100,2)$
Q. 48 If the given sheet is folded to form a cube, which of the following figures is possible?


Ans
$\times 1$.

$\times 2$.

$\times 3$.

4.

Q. 49 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
$\mathrm{P}_{-} \mathrm{O} \mathrm{N}_{-} \mathrm{LB} \mathrm{B}_{-} \mathrm{NPL} \mathrm{L}_{-} \mathrm{O}_{-} \mathrm{P} \mathrm{L}_{-} \mathrm{N}$
Ans

- 1. LBPOBNBO

X2. LBPBONBO
X3. LPBOBNNO
X4.LBPOBBNO
Q. 50 A @ $B$ means ' $A$ is the husband of $B$ '
$A \& B$ means ' $A$ is the mother of $B$ '
A \# B means ' $A$ is the daughter of $B$ '
If L @ $\mathrm{M} \& \mathrm{~K}$ @ J \# P, then how is J related to L ?
Ans

1. Son's wife
2. Daughter's husband
3. Mother
4. Son

Section : General Knowledge and General Awareness
Q. 1 Choose the INCORRECT statement out of the following.

Ans

1. Most parts of the country receive rainfall from June to September.
2. The annual precipitation in Meghalaya is over 400 cm .
3. Some parts like the Tamil Nadu's coast gets a large portion of its rains during October and November.
4. There is increase in rainfall generally from east to west in the Northern Plains.

Question ID : 264330169313
Option 1 ID : 264330664032
Option 2 ID : 264330664031
Option 3 ID : 264330664033
Option 4 ID : 264330664034
Q. 2 How many cities are covered under the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) scheme?

Ans

1. 200
2. 300
3.400
3. 500
Q. 3 Select the correct combination of the temple and the state in which it is located.

Ans
X 1. Mahakaleshwar Jyotirlinga-Uttarakhand
2. Kamakhya Temple-Assam

X 3. Jagannath Temple-West Bengal
4. Somnath Jyotirlinga Temple-Maharashtra

Question ID : 264330141822
Option 1 ID : 264330555608
Option 2 ID : 264330555607
Option 3 ID : 264330555609
Option 4 ID : 264330555610 Status : Answered

Chosen Option : 2
Q. 4 The liability to pay the tax and the actual burden of which of the following taxes lie on two different persons?
Ans

1. Corporation Tax
2. Income Tax
3. Capital Gains Tax
4. Goods and Services Tax

Question ID : 264330145240
Option 1 ID : 264330569215
Option 2 ID : 264330569218
Option 3 ID : 264330569216
Option 4 ID : 264330569217
Status: Answered
Chosen Option: 4
Q. 5 Which of the following CANNOT be grouped under physiographic divisions of India?

Ans

1. The Himalayas
2. Appalachian Mountains
3. The Indian Desert
4. The Island
Q. 6 Why do pickles last longer?

Ans
Х 1. Only beneficial bacteria can grow in the pickle.
2. The water content of the pickle protect the pickle from spoilage.
3. Pickle is prepared in a vacuum so that no harmful bacteria can grow on it.
4. Bacterial and fungal cells get plasmolysed in high salt concentration of pickle.
Q. 7 When was the Prime Minister's Employment Generation Programme (PMEGP) launched?

Ans
X 1.2006
2. 2008

- 3.2012

4. 2009

Question ID : 264330157101
Option 1 ID : 264330615776
Option 2 ID : 264330615777
Option 3 ID : 264330615778
Option 4 ID : 264330615775
Status: Not Answered
Chosen Option: --
Q. 8 Which state among the following started the Hornbill Festival to encourage interaction among the tribes and to promote the cultural heritage of the state?
Ans

1. Chhattisgarh
2. West Bengal
3. Assam
4. Nagaland
Q. 9 The agricultural land below the main canal water level forms the $\qquad$ -.
Ans
X 1. flow system
5. lift system
6. command area
7. warebandi

Question ID : 264330163192
Option 1 ID : 264330640081
Option 2 ID : 264330640082
Option 3 ID : 264330640079
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 0 8 0}$
Q. 10 Identify the pigment that gives blood its colour.

Ans

1. Ferritin
2. Chlorophyll
3. Xanthophyll
4. Haemoglobin
Q. 11 Who was the teacher of the famous musician Tansen?

Ans
X 1. Ravidas
2. Swami Haridas

X 3. Kalidas
X 4. Surdas
Q. 12 Pandit Ram Narayan a famous instrumentalist, is known for playing which of the following instruments?
Ans

1. Ghatam
2. Veena
3. Sarod
4. Sarangi

Question ID : 264330145168
Option 1 ID : 264330568930
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 2 9 ~}$
Option 3 ID : 264330568927
Option 4 ID : 264330568928
Status : Not Answered
Chosen Option: --
Q. 13 Which scientist synthesised an organic compound, urea, from an inorganic compound, ammonium cyanate?
Ans

1. F Wohler
2. Kolbe
3. Berthelot
4. Berzelius
Q. 14 Which of the following is an autobiography of the international tennis player Andre Agassi?
Ans
5. Open: An Autobiography
6. Becoming

X 3. Too Many Reasons to Live
$\times 4 . \mathrm{Me}$
Q. 15 The Bishnu Rabha Award 2019 went to the noted $\qquad$ dance exponent Kumari Laitjonam Ebampisok Devi.

Ans
X 1. Odissi
2. Manipuri
3. Kuchipudi
4. Kathakali

Question ID : 26433054503
Option 1 ID : 264330212999
Option 2 ID : 264330212996
Option 3 ID : 264330212998
Option 4 ID : 264330212997 Status : Not Answered
Chosen Option :--
Q. 16 Which of the following rights was deleted from the list of fundamental rights by the $44^{\text {th }}$ Constitutional Amendment Act?

Ans
X 1. Right to freedom of religion
2. Right to property
3. Right to freedom
4. Right to equality
Q. 17 Which Manipuri dance expert founded Govindji Nartanalaya dance school for women in Imphal?
Ans

1. Guru Bipin Singh
2. Rajkumar Singhajit Singh
3. Guru Amubi
4. Phanjoubam Iboton Singh
Q. 18 Who was the eldest of four sons of Babur?

Ans
X 1. Hindal
X 2. Askari
X 3. Kamran
4. Humayun
Q. 19 As per Article 361 of the Constitution of India, who among the following shall NOT be answerable to any court for the exercise and performance of the powers and duties of his/her office?
Ans

1. Chief Minister
2. Secretary
3. Prime Minister
4. Governor
Q. 20 What is the chemical formula for the aldehyde group?

Ans
$\times 1 .-\mathrm{COOH}$
2. -OH
3. $-\mathrm{CH}_{2} \mathrm{O}$
4. -CHO

Question ID : 264330145223
Option 1 ID : 264330569149
Option 2 ID : 264330569148
Option 3 ID : 264330569150
Option 4 ID : 264330569147
Status: Answered
Chosen Option: 4
Q. 21 How many balls are there in an over in cricket?

Ans
X 1.4
2. 6
$\times 3$.
4.5

Question ID : 264330118905
Option 1 ID : 264330466275
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 6 6 2 7 7}$
Option 3 ID : 264330466278
Option 4 ID : 264330466276
Q. 22 In Which year did Ernst Haeckel introduced the term 'ecology' to describe the economies of living forms?
Ans
$\times 1.1888$

- 2. 1884
- 3.1887

4. 1866
Q. 23 Which schedule of the Constitution of India contains provisions for disqualification of legislator on the ground of defection?

Ans

1. Schedule-X
2. Schedule-IX
3. Schedule-XI
4. Schedule-VIII

Question ID : 264330130474
Option 1 ID : 264330511008
Option 2 ID : 264330511007
Option 3 ID : 264330511009
Option 4 ID : 264330511010
Q. 24 When was the first World Weightlifting Championship organized by the World Weightlifting Federation in London, UK?

Ans

1. March 1891
2. March 1991
3. March 2000
4. March 1895
Q. 25 Which of the following years was declared as the international year of micro credit by the UN?
Ans
X1. 2008
5. 2004
6. 2002
7. 2005
Q. 26 Chapchar Kut festival is predominantly celebrated in $\qquad$ -.
Ans
X 1. Nagaland
8. Mizoram

X 3. Manipur
4. Meghalaya
Q. 27 The age of the Earth is currently thought to be:

Ans

1. 4.5 billion years

X 2. 4 billion years
X 3. 3.5 billion years
4. 5 billion years

Question ID : 26433064466
Option 1 ID : 264330252457
Option 2 ID : 264330252458
Option 3 ID : 264330252459
Option 4 ID : 264330252456 Status : Not Answered

Chosen Option : --
Q. 28 When did the first Five-Year Plan end?

Ans

1. March 1956
2. January 1956
3. December 1955
4. February 1956

Question ID : 264330145250
Option 1 ID : 264330569258
Option 2 ID : 264330569256
Option 3 ID : 264330569255
Option 4 ID : 264330569257
Q. 29 Which Article of the Constitution clarifies that policies like 'reservation' is not a violation of right to equality?

Ans

1. Article 16 (4)
2. Article 14 (1)
3. Article 21
4. Article 15 (2)
Q. 30 Which of the following is NOT a correct match?

Ans
X 1. Voltage - Volts
2. Resistance - Ohm

X 3. Conductance-Siemens
4. Capacitance - Dyne
Q. 31 Who first observed ribosomes in the mid-1950s and described them as small particles in the cytoplasm that were preferentially attached to the endoplasmic reticulum membrane?

Ans
X 1. Ernst Abbe
X 2. Albert Kolliker
X 3. Carl Zeiss
4. George E Palade

Question ID: 264330145198
Option 1 ID : 264330569047
Option 2 ID : 264330569050
Option 3 ID : 264330569048
Option 4 ID : 264330569049
Status: Not Answered
Chosen Option : --
Q. 32 Who among the following was the successor of Muhammad-Bin Tughlaq to the throne?

Ans
X 1. Nais-ud-Din Mahmud Shah Tughlaq
2. Firuz Shah Tughlaq

X 3. Abu Bakr Shah Tughlaq
X 4. Ghiyath-ud-din Tughlaq Shah II
Q. 33 According to the 2011 Census, any person aged $\qquad$ and above and has the ability to read and write is considered literate.
Ans
< 1. twelve
2. six
3. seven
4. ten
Q. 34 Kuchipudi originated in which of the following states?

Ans

1. Kerala
2. Tamil Nadu
3. Gujarat
4. Andhra Pradesh

Question ID : 264330164791
Option 1 ID : 264330646294
Option 2 ID : 264330646293
Option 3 ID : 264330646291
Option 4 ID : 264330646292 Status : Answered

Chosen Option: 1
Q. 35 Padma Bhushan awardee Kumudini Lakhia is renowned for which of the following dance forms?

Ans

1. Bharatanatyam
2. Kathak

X 3. Kuchipudi
4. Odissi

Question ID : 264330145166
Option 1 ID : 264330568919
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 2 0}$
Option 3 ID : 264330568921
Option 4 ID : 264330568922
Status : Not Answered
Chosen Option : --
Q. 36 The black soil of the Deccan Plateau lacks which of the following minerals?

Ans

1. Phosphorous
2. Potash
3. Iron
4. Lime

Question ID : 264330119790
Option 1 ID : 264330469435
Option 2 ID : 264330469436
Option 3 ID : 264330469437
Option 4 ID : 264330469438
Status : Not Answered
Chosen Option : --
Q. 37 Which Article of the Constitution of India prohibits forced labour?

Ans

1. Article 23
2. Article 21

X 3. Article 22
X 4. Article 20
Q. 38 Consider the following statements regarding the Indo Greeks.

1. The most celebrated Indo-Greek ruler was Menander.
2. Menander has been identified with King Milinda mentioned in the famous Buddhist text Milindapanho.
3. Milindapanho contains philosophical questions that Milinda asked Amrapali.
4. Impressed by the answers, King Milinda accepted Buddhism as his religion.

Which among the above statements are correct.
Ans

1. Only 1, 2 and 3
2. Only 1, 3 and 4
3. Only 1, 2 and 4
4. Only 3, 2 and 4
Q. 39 Which of the following options are homogeneous mixtures?

Ans $\times 1$. Solution, colloid, suspension, milk, toothpaste, salt water, brass
2. Solution, salt water, brass

X 3. Solution, colloid, milk, toothpaste, salt water, brass
4. Colloid, suspension, milk, toothpaste
Q. 40 Match list I to list II.

## List I

a) Second Five-year plan

## List II

i) 1974-1979
b) Fifth Five-year plan
ii) 1956-1961
c) Eight Five-year plan
iii) 1992-1997

Ans
X 1. a-iii, b-i, c-ii
X 2. a-i, b-ii, c-iii
X 3. a-i, b-iii, c-ii
4. a-ii, b-i, c-iii
Q. 41 Which Article of the Indian Constitution lays the condition that the President, once elected, shall NOT be a member of the either House of Parliament or state legislature?

Ans
X 1. Article 62
2. Article 59
3. Article 80
4. Article 79

Question ID : 264330114495
Option 1 ID : 264330450066
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 5 0 0 6 5}$
Option 3 ID : 264330450068 Option 4 ID : 264330450067
Q. 42 Which of the following books has been written by the Booker Prize winner Kiran Desai?

Ans

1. A Fine Balance
2. The Year of Runaways
3. The Inheritance of Loss
4. Shantaram
Q. 43 Who among the following was NOT associated with 'Prarthana Sabha'?

Ans
X 1. Govind Ranade
2. Atmaram Pandurang

X 3. RG Bhandarkar
4. Motilal Nehru
Q. 44 Identify the group of major Jute producing states of India.

Ans

1. Kerala, Tamil Nadu, Telangana, Madhya Pradesh
2. West Bengal, Bihar, Assam, Odisha
3. Punjab, Haryana, Uttarakhand, Himachal Pradesh
4. Rajasthan, Maharashtra, Karnataka, Gujarat
Q. 45 Which trend is found about the distance between the galaxies?

Ans
X 1. Constant
2. Increasing

X 3. Unpredictable
4. Decreasing
Q. 46 Under the Regulating Act of 1773, the King-in-Council created a Supreme Court in which of the following places?
Ans

1. Calcutta
2. Delhi
3. Madras
4. Bombay

Question ID : 26433099166
Option 1 ID : 264330389279
Option 2 ID : 264330389277
Option 3 ID : 264330389280
Option 4 ID : 264330389278
Status: Answered
Chosen Option: 1
Q. 47 The Landholder's Society was founded to look after the interests of which class?

Ans

1. Landlords
2. Labour
3. Farmers
4. Traders

Question ID : 264330112182
Option 1 ID : 264330440814
Option 2 ID : 264330440813
Option 3 ID : 264330440815
Option 4 ID : 264330440816
Q. 48 Which of the following is a primary arylamine in which an amino functional group is substituted for one of the benzene hydrogens?

Ans

1. Quinoline
2. Aniline
3. Pyridine
4. Toluidine
Q. 49 Which of the following states will host 2023 Men's Hockey World Cup?

Ans
X 1. Chhattisgarh
X 2. Jharkhand
X 3. Maharashtra
4. Odisha

Question ID : 264330109848
Option 1 ID : 264330431672
Option 2 ID : 264330431671
Option 3 ID : 264330431670
Option 4 ID : 264330431669 Status: Answered

Chosen Option : 4
Q. 50 In football, a kick is awarded to the opposition player when a player has committed a foul. What is the kick called?
Ans

1. Bicycle kick
2. Free kick
3. Wide kick
4. Goal kick

Question ID : 26433092339
Option 1 ID : 264330362656
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 6 2 6 5 5}$
Option 3 ID : 264330362653
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 6 2 6 5 4}$
Status: Answered
Chosen Option: 2

## Section : Quantitative Aptitude

Q. 1 Two mixtures $A$ and $B$ have the following compositions:

Mixture $A$ has copper and tin in a ratio of 1:2
Mixture $B$ has copper and tin in a ratio of 1:3
If equal quantities of mixtures $A$ and $B$ are used for producing mixture $C$, then find the ratio of copper and tin in mixture $C$.
Ans
$\times 1.2: 5$
X 2. 1:5

- 3. 7:17
$\times 4.7: 12$
Q. 2 If the volume of a sphere is $38808 \mathrm{~cm}^{3}$, then its surface area is:

Ans
$\times 1.5554 \mathrm{~cm}^{2}$
2. $5574 \mathrm{~cm}^{2}$
3. $5564 \mathrm{~cm}^{2}$
$4.5544 \mathrm{~cm}^{2}$
Q. 3 The area of a rhombus having one side measuring 17 cm and one diagonal measuring 16 cm is:
Ans
$\times 1.280 \mathrm{~cm}^{2}$
2. $180 \mathrm{~cm}^{2}$
3. $240 \mathrm{~cm}^{2}$
$4.210 \mathrm{~cm}^{2}$
Q. 4 By selling 42 m of cloth, Vijay gains the selling price of 7 m of cloth. Find the profit percentage.
Ans
X $1.15 \%$
2. $30 \%$
3. $20 \%$
4.25\%
Q. 5 Ramesh gives fifteen per cent additional discount along with a discount of $25 \%$ on the marked price of a sofa set. If the selling price of the sofa set is ₹12,750, then find the marked price of the sofa set.
Ans

1. ₹ 20,000
2. ₹ 23,000
3. ₹ 22,000
4. ₹ 24,000
Q. 6 Two pipes can fill a cistern in 12 hours and 16 hours, respectively. The pipes are opened simultaneously and it is found that due to leakage at the bottom, it takes 90 minutes more to fill the cistern. How much time will the leakage take to empty the completely filled tank?

Ans
X. $36 \frac{29}{49} \mathrm{~h}$
2. $38 \frac{10}{49} \mathrm{~h}$

X $3.39 \frac{13}{49} h$
$\times 4.37 \frac{15}{49} h$
Q. 7 A sum of money amounts to $₹ 1,200$ in 2 years and becomes $₹ 1,260$ in 3 years at compound interest, when interest is compounded annually. What is the rate of compound interest per annum?
Ans
1.5\%

X 2. 3\%
X $3.4 \%$
4. $6 \%$
Q. 8 Find the least value of $16 \operatorname{cosec}^{2} \theta+25 \sin ^{2} \theta$.

Ans

- 1.40
$\times 2.42$
$\times 3.35$

4. 38
Q. 9 In a megastore, the following data reveals the units purchased during the years.

What is the percentage growth in total units purchased (of all the three products) from 2015 to 2020 ?

| Year | Tea | Coffee | Cold drink |
| :---: | :---: | :---: | :---: |
| 2015 | 650 | 450 | 1008 |
| 2016 | 730 | 402 | 1092 |
| 2017 | 710 | 354 | 770 |
| 2018 | 570 | 438 | 812 |
| 2019 | 820 | 390 | 1043 |
| 2020 | 830 | 501 | 1330 |

Ans
X1. 21.68 percent
X 2. 22.75 percent
2. 26.23 percent

X 4. 25.76 percent
Q. 10 If $\cos A=\frac{1}{11}$, then find the value of $\cot A$.

Ans
$\times 1 . \frac{2 \sqrt{30}}{11}$
X2. $2 \sqrt{30}$
จ3. $\frac{1}{2 \sqrt{30}}$
$\times 4 . \frac{11}{2 \sqrt{30}}$
Q. 11 The following bar graph shows the milk production (in million tons) details for 4 years for three brands ( $\mathrm{P}, \mathrm{Q}, \mathrm{R}$ ):


What was the average production of milk (in million tons) per year over the period of 4 years?
Ans

- 1.90
$\times 2.50$
$\times 3.30$
$\times 4.70$
Q. 12 If $\operatorname{cosec} A+\cot A=3,0 \leq A \leq 90^{\circ}$, then find the value of $\cos A$.

Ans

1. $\frac{3}{4}$
2. $\frac{2}{5}$
3. $\frac{3}{5}$
4. $\frac{4}{5}$

Question ID : 264330157759
Option 1 ID : 264330618397
Option 2 ID : 264330618398
Option 3 ID : 264330618395
Option 4 ID : 264330618396
Status : Answered
Chosen Option: $\mathbf{4}$
Q. 1336 equally efficient workers can paint 25 identical walls in 48 days. In how many days can 45 such workers paint 60 such walls?
Ans
X 1.92 .36
2. 92.16
3. 91.96
4. 91.16
Q. 14 Which of the following numbers leaves the remainder equal to the highest common factor of 6,8 and 9 , when divided by 6,8 and 9 ?

Ans
$\times 1.291$
2. 575
3. 506
4. 433
Q. 15 Simplify the given expression.
$(1+x)^{3}+(1-x)^{3}+(-2)^{3}$
Ans
X $1.6\left(1-x^{2}\right)$
X 2.-3(1-x2)
2. $-6\left(1-x^{2}\right)$

人4.3(1-x2)
Q. 16 If $1 \frac{1}{3} \div \frac{2}{5} \times \frac{x}{5}=1 \frac{1}{4} \times \frac{2}{3} \div \frac{1}{6}$, then the value of $x$ is:

Ans
$\times 1.5 .5$
2.7.5

X 3.7 .0
$\times 4.15$
Q. 17 The average weight of 49 students is 53 kg . When a new student is admitted to the class, the average decreases by 500 g . Find the weight of the new student.
Ans
X 1.48 kg
X2. 18 kg
3. 28 kg
4. 38 kg
Q. 18 In an election between two candidates, the difference between the candidates who won and lost was 2,500 votes. The candidate who won got $75 \%$ of the votes, and there were no invalid votes. The total number of votes polled of the losing candidate was:
Ans
X 1.1875
$\times 2.5000$

- 3.1250
$\times 4.3750$

Question ID : 264330145061
Option 1 ID : 264330568500
Option 2 ID : 264330568502
Option 3 ID : 264330568499
Option 4 ID : 264330568501
Status: Answered
Q. 19 In an election between two candidates, $30 \%$ of the electorate did not cast their votes. $20 \%$ of the votes polled were found invalid. The winning candidate got $64 \%$ of the valid votes and won by a majority of 3136 votes. Find the number of voters enrolled in the voter list.

Ans

1. 20000
2. 25000
3. 24000
4. 30000
Q. 20 Find the mean proportion of $x^{3} y$ and $x y^{3}$.

Ans

- 1. $x^{2} y^{2}$

2. $x^{3} y^{3}$
3. xy
4. $x^{4} y^{4}$
Q. 21 The least common multiple of 12,18 and 27 is :

Ans
$\times 1.54$
2. 216
$\times 3.27$
4. 108

Question ID : 26433066158
Option 1 ID : 264330259164
Option 2 ID : 264330259167
Option 3 ID : 264330259165
Option 4 ID : 264330259166 Status : Answered

Chosen Option : 4
Q. 22 Jimmy has to cover a distance of 88 km in 16 hours. If she covers half of the journey in $\frac{3}{4}$ time, then what should be her speed to cover the remaining distance in the time left?

Ans
X $1.12 \mathrm{~km} / \mathrm{h}$
2. $10 \mathrm{~km} / \mathrm{h}$
3. $11 \mathrm{~km} / \mathrm{h}$

X $4.13 \mathrm{~km} / \mathrm{h}$
Q. 23 What is the smallest perfect square number which is completely divisible by $4,6,9,12$ and 15 ?

Ans
$\times 1.784$
2. 900
3. 961
4. 841
Q. 24 A vehicle is going at one-fourth of its usual speed and it takes an extra 45 minutes to reach its destination. Its usual time to cover the same distance is:

Ans

1. 15 minutes
2. 10 minutes
3. 30 minutes
4. 20 minutes
Q. 25 Kanchan lent $₹ 10,000$ for 2 years and ₹ 5,000 for 4 years at the same rate of simple interest. If the total interest received by Kanchan is ₹ 2,000 , then what was the rate of interest?

Ans
1.5\%
2. $2 \%$
3.3\%
4. $4 \%$
Q. 26 The average weight of $A, B$ and $C$ is 77 kg . If the average weight of $A$ and $B$ is $68 \mathbf{k g}$ and that of $B$ and $C$ is 83 kg , then the weight (in kg ) of $B$ is:
Ans
X 1.74

- 2.71
$\times 3.73$
4.67
Q. 27 The diameter of a hemisphere is equal to the diagonal of a rectangle of length 4 cm and breadth 3 cm . Find the total surface area (in $\mathrm{cm}^{2}$ ) of the hemisphere.
Ans
$\times 1.25 \pi$

2. $\frac{75 \pi}{4}$
3. $\frac{50 \pi}{4}$
4. $\frac{25 \pi}{4}$
Q. 28 A cylindrical metallic rod of diameter 2 cm and length 45 cm is melted and converted into wire of uniform thickness and length 5 m . The diameter of the wire is:
Ans
$\times 1.3 \mathrm{~mm}$
X2. 2 mm

- 3.6 mm
4.5 mm
Q. 29 If the base radius and the height of a right circular cone are increased by $10 \%$, then the percentage increase in the volume is:
Ans

1. $30.2 \%$
2. $22.1 \%$
3. $33.1 \%$
4. $20.2 \%$
Q. 30 The given pie chart shows the distribution of land under various food crops. The expenditure invested on these food crops is ₹25,000 per annum. Study the pie chart carefully and answer the question that follows.


The expenditure invested in Rice and Barley is what percentage (correct to $\mathbf{2}$ decimal places) of the expenditure invested in Wheat and Bajra?
Ans
X 1. 206.55\%
2. 206.66\%

X 3.260.66\%
4. $260.55 \%$
Q. 31 If perimeter of the circle is $13.2 \mathbf{~ c m}$, then the radius of the circle is
(Take $\pi=\frac{22}{7}$ )
Ans
$X 1.6 .6 \mathrm{~cm}$
$\times 2.4 .2 \mathrm{~cm}$
3. 2.1 cm
4.3 .3 cm
Q. 32 A goods train 350 m long passes through a tunnel of 1250 m in 80 seconds. What is the speed of the train?
Ans
2. $64 \mathrm{~km} / \mathrm{h}$
$3.78 \mathrm{~km} / \mathrm{h}$
$4.56 \mathrm{~km} / \mathrm{h}$
Q. 33 Study the given table and answer the question that follows.

The table shows the number of employees in five different organisations $A, B, C, D$ and $E$ in different departments.

| Dept $\downarrow$ <br> Org $\rightarrow$ | A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| HR | 1050 | 1015 | 976 | 888 | 1004 |
| Finance | 1017 | 960 | 786 | 1025 | 963 |
| Marketing | 1382 | 1384 | 1275 | 1300 | 1290 |
| Production | 1542 | 1545 | 4550 | 1570 | 1580 |
| Accounts | 786 | 745 | 801 | 800 | 735 |
| Legal | 48 | 54 | 36 | 30 | 53 |
| Total | 5825 | 5703 | 5424 | 5613 | 5625 |

Which department has a minimum number of employees in each organisation?
Ans

1. Marketing
2. Production
3. Accounts
4. Legal
Q. 34

The value of $\frac{a^{2}-(b-c)^{2}}{(a+c)^{2}-b^{2}}+\frac{b^{2}-(a-c)^{2}}{(a+b)^{2}-c^{2}}+\frac{c^{2}-(a-b)^{2}}{(b+c)^{2}-a^{2}}$ is:
Ans
-1. 1
$\times 2.2$
(3. -1
4.3
Q. 35 In a triangle LMN, OP is a line segment drawn parallel to the side MN. OP intersects the sides $L M$ and $L N$ at $O$ and $P$, respectively. If $L M=15 \mathrm{~cm}, O M=4 \mathrm{~cm}$, and $P N=5 \mathrm{~cm}$, then what is the length (in $\mathbf{c m}$ ) of the side LN?
Ans
$\times 1.16 .25$
2. 18.75
$\times 3.20 .25$
$\times 4.22 .75$
Q. 36

The value of $\sqrt{\frac{1+\sin A}{1-\sin A}}$ is:
Ans
X1. $\sec A-\tan A$
2. $\operatorname{cosec} A+\cot A$
3. $\sec A+\tan A$
4. $\operatorname{cosec} A-\cot A$
Q. 37 Determine the LCM of two numbers if their HCF is 12 and their ratio is $13: 15$.

Ans
X 1.1780
X2. 2450
$\times 3.1890$
4. 2340
Q. 38 Study the given graph and answer the question that follows.

The graph shows data regarding number of boys and girls studying in class 5 in four different schools.


What is the difference between total number of boys studying in school $P$ and $Q$ together and the total number of girls in the same schools together?
Ans
X1.38
$\times 2.45$
$\times 3.40$

- 4.35
Q. 39

Study the given bar-graph and answer the question that follows.
The bar-graph displays the number of bicycles produced at a factory from 1998 to 2002.


What was the average number of bicycles produced at the factory per year from 1998-2002?

Ans
$\times 1.940$
$\times 2.960$

- 3.920
$\times 4.880$
Q. 40 Find the least number which when divided by 4, 9, 12 and 15, leaves the remainder 3 in each case.

Ans
$\times 1.360$
2. 183
3. 193
4. 180

Question ID : 26433063994
Option 1 ID : 264330250569
Option 2 ID : 264330250570
Option 3 ID : 264330250568
Option 4 ID : 264330250571 Status: Answered
Q. 41 The table below shows the number of trees planted by the government in 4 different years.

| Year | Neem | Oak | Birch |
| :--- | :--- | :--- | :--- |
| 2019 | 2000 | 3000 | 4000 |
| 2020 | 3000 | 4000 | 5000 |
| 2021 | 5000 | 6000 | 7000 |
| 2022 | 7000 | 8000 | 9000 |

Find the ratio between the number of neem trees planted in the year 2021 and the number of birch trees planted in the year 2022 .
Ans
1.5:9
2. 3:7

X 3.5 :8
4. 3:8

Question ID : 264330158385
Option 1 ID : 264330620902
Option 2 ID : 264330620901
Option 3 ID : 264330620899
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 2 0 9 0 0}$
Status : Answered
Chosen Option : 1
Q. 42 On an item, there is an $18 \%$ discount on the marked price of $₹ \mathbf{2 6 , 0 0 0}$. After giving an additional season's discount, the item is sold at $₹ 16,000$. How much was the season's discount correct upto two places of decimal?

Ans
X 1. 22.45\%
2. 24.95\%

X 3. $24.65 \%$
4. $35.25 \%$
Q. 43 In a $\triangle P Q R, \angle P=90^{\circ}, \angle R=47^{\circ}$ and $P S \perp Q R$. Find the value of $\angle Q P S$.

Ans
$\times 1.43^{\circ}$
2. $47^{\circ}$
$\times 3.45^{\circ}$
$\times 4.40^{\circ}$
Q. 44 Sanjay and Rohan can complete a work in 8 days and 12 days, respectively. Starting with Sanjay, they work on alternate days. In how many days will the work be completed?

Ans
$\times 1.8 \frac{1}{2}$
2. $9 \frac{1}{2}$
$\times 3.9 \frac{2}{3}$
X4. $9 \frac{1}{3}$
Q. 45 Study the given table and answer the question that follows.

The table shows the percentage population of four states below poverty line and proportion of male to female.

| State | Percentage of <br> population below <br> poverty line | Proportion of male to female |  |
| :---: | :---: | :---: | :---: |
|  |  | Below poverty line | Above poverty line |
|  |  | Male : Female | Male : Female |
| P | 28 | $3: 2$ | $7: 3$ |
| Q | 15 | $4: 7$ | $6: 5$ |
| R | 24 | $5: 3$ | $3: 3$ |
| S | 13 | $2: 5$ | $1: 3$ |

If the total population of state $R$ is 26,000 , then what is the number of females above poverty line in state $R$ ?

Ans
X1.9,780
2. 9,880
> 3. 9,560
4. 9,950
Q. 46 AB is a chord of a circle having radius 1.7 cm . If the distance of this chord $A B$ from the centre of the circle is 0.8 cm , then what is the length (in cm ) of the chord $A B$ ?
Ans
X1.4
X2.1

- 3.3
$\times 4.2$
Q. 47 The monthly budget of an average household is given in the following table.

| Category | Food | Clothing | Rent | Savings |
| :--- | :--- | :--- | :--- | :--- |
| Amount | 8000 | 2000 | 6000 | 4000 |

The percentage of the monthly budget spent on clothing is:
Ans

1. $10 \%$
2. $12 \%$
3. 8\%
-4.4\%
Q. 48 If the HCF of 45 and 55 is expressible in the form of $55 \times 5+45 \mathrm{~m}$, then what is the value of $m$ ?

Ans

1. -6
2. 5
3. 6
4. -5

Question ID : 26433074253
Option 1 ID : 264330291134
Option 2 ID : 264330291133
Option 3 ID : 264330291135
Option 4 ID : 264330291132
Status: Not Answered
Chosen Option : --
Q. 49 The monthly salary of a person is ₹ 50,000 . He spends $40 \%$ of his salary on household expenses, $25 \%$ on rent, and $15 \%$ on transportation, and saves the remaining amount. What is his yearly savings?
Ans
X 1. ₹ $1,00,000$
2. ₹1,10,000
3. ₹ $1,20,000$
4. ₹90,000
Q. 50 The cost price of pulses is $12 \%$ less than the selling price. Using a faulty weighing machine, shopkeeper is able to earn $25 \%$ profit. How much per cent of the faulty machine shows more weight as compared to the actual weight (Rounded off to the nearest integer)?

Ans
X1.13\%
X2.15\%
2. $10 \%$

X 4.14\%

Question ID : 264330102068
Option 1 ID : 264330400779
Option 2 ID : 264330400780
Option 3 ID : 264330400777
Option 4 ID : 264330400778
Status : Answered
Chosen Option: $\mathbf{3}$

Section : English Comprehension
Q. 1 Select the option that can be used as a one-word substitute for the given group of words.
A collection of historical documents or records providing information about a place, institution, or group of people
Ans

1. Museum
2. Apostate
3. Asylum
4. Archive
Q. 2 Select the most appropriate idiom for the given situation focusing on the underlined segment.

The modern era statistics data provides useful advantage to the players at competent level.

Ans
X 1. Cost an arm and a leg
2. Grist to the mill
$\times 3$. Put something on ice
4. Play it by ear
Q. 3 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
We should / not make an noise / in the class.
Ans
$X 1$. in the class
X 2. We should
X 3. No error
4. not make an noise

Question ID : 264330117174
Option 1 ID : 264330460763
Option 2 ID : 264330460761
Option 3 ID : 264330460764
Option 4 ID : 264330460762
Status: Answered
Chosen Option: 4
Q. 4 Identify the ANTONYM of the following word in the given sentence.

Languid
The animated infantry was marching forward for another rehearsal.
Ans
X1. infantry
X 2. rehearsal
3. forward
4. animated
Q. 5 Select the most appropriate meaning of the given idiom.

Steer clear of
Ans

1. Loose temper and react furiously to someone
2. Avoid someone or something because it is dangerous for you
3. Show someone how to do a job or activity
4. Be kind and empathetic to someone
Q. 6 Select the most appropriate ANTONYM for the highlighted word.

The malice he developed for all caused a lot of damage.
Ans

1. avarice
2. grace
3. oppression
4. sympathy
Q. 7 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

I was wish / to meet her / on her birthday.
Ans

1. I was wish
2. No error
3. to meet her
4. on her birthday
Q. 8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It is take / a couple of minutes / for the computer / to boot up.
Ans

1. for the computer
2. to boot up
3. a couple of minutes
4. It is take
Q. 9 You are preparing a speech for an upcoming function. Select a synonym for the highlighted word to make it better.

Sexual assault is a severe and pervasive issue that can have a significant impact on a victim's life.

Ans
X 1. Retrospective
X 2. Longitudinal
3. Widespread

X4. Equatorial
Q. 10 Select the INCORRECTLY spelt word.

Ans
X 1 . Adjourn
X 2. Addict
3. Abdact

X4. Advise
Q. 11 Choose the option which means the same as the underlined segment.

The boss wanted to finish the case before the arrival of the Inspection team.
Ans

1. be over and done with
2. be over one's head
3. be over and over
4. be over a barrel
Q. 12 Select the most appropriate synonym of the given word.

Cruise
Ans
X1. Bounce
$\times 2$. Fall
X 3. Distance
4. Voyage
Q. 13 Select the most appropriate meaning of the highlighted idiom in the given sentence.

Nancy held a grudge against her teacher for a long time, but she finally decided to let bygones be bygones.

Ans
X 1. Change the past
2. Take revenge
3. Flatter someone
4. Ignore the past
Q. 14 Select the option that will improve the underlined part of the given sentence.

Farmers have harvested wheat by using whatever labour that was available to them.
Ans

1. by using amalgamated labour
2. by using limited labour
3. by using dispersed labour
4. by using united labour
Q. 15 Select the most appropriate meaning of the underlined idiom in the following sentence.

Rahim had to eat a humble pie in starting a row with his neighbour over a trifle.
Ans
$\times 1$. To remain without food
2. To be punished for doing something wrong

X 3. To take simple food
,
4. To feel sorry and apologise for a mistake

Question ID : 264330157063
Option 1 ID : 264330615625
Option 2 ID : 264330615626
Option 3 ID : 264330615624
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 1 5 6 2 3}$
Status: Answered
Chosen Option: 4
Q. 16 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Malati has a difficult job, but she does it good.
Ans
< 1. better
2. well

X 3.best
X4. nice
Q. 17 Select the most appropriate synonym of the given word. Fierce

Ans
X 1. Lame
< 2. Lavish
3. Strange
4. Furious

Option 1 ID : 264330460677
Option 2 ID : 264330460680
Option 3 ID : 264330460679
Option 4 ID : 264330460678
Q. 18 Select the most appropriate synonym of the given word. Faithful

Ans

1. Daring
2. Unfaithful
3. Cheerful
4. Loyal

Question ID : 264330164163
Option 1 ID : 264330643903
Option 2 ID : 264330643904
Option 3 ID : 264330643906
Option 4 ID : 264330643905
Status: Marked For Review
Chosen Option : 4
Q. 19 Select the most appropriate meaning of the underlined idiom.

Yamini is a great singer. She will make it big one day.
Ans

1. Succeed and become famous
2. Become financially sound
3. Educated and rich

Х 4. Migrate and settle
Q. 20 Select the most appropriate ANTONYM of the given word. Malice
Ans
X1. Torsion
X 2. Haughtiness
3. Kindness
4. Tremor
Q. 21 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. He travelled the whole world, but found piece at home.
Ans
< 1. peach
X 2. No substitution required
X 3. prize
4. peace

Question ID : 26433070773
Option 1 ID : 264330277550
Option 2 ID : 264330277551
Option 3 ID : 264330277548
Option 4 ID : 264330277549
Status: Answered
Q. 22 Select the most appropriate meaning of the given word.

Trousseau
Ans
$X 1$. Being true to oneself
2. The clothes, linen, and other belongings collected by a bride for her marriage

X 3. A large cabinet full of expensive clothes
4. Single leg side of a trouser
Q. 23 Select the option that can be used as a one-word substitute for the underlined group of words

Since God is an all-powerful creator, he has absolute control over those whom he has created.

Ans
X 1. Voracious
2. Omnipotent

X 3. Incorrigible
X4. Omniscient
Q. 24 Select the most appropriate option to substitute the underlined segment in the given sentence.

At some point in the past, there were rows of temporary shops that used to display various cooking utensils.

Ans
X 1. One upon a time
2. Before now
3. In the past few years
4. Long ago
Q. 25 Select the option that can be used as a one-word substitute for the given group of words.

A structure in the garden where climbing plants can grow and people can walk under
Ans
X 1. Tomb
2. Outhouse
3. Pergola

X4. Treehouse
Q. 26 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She was yearning for a trip to the mountains.
Ans
X 1. leaving for
2. deeply repenting
3. keenly desiring
4. saving money for
Q. 27 Select the most appropriate idiom for the given situation.

You wanted to speak but you controlled yourself and became patient. What have you done?
Ans
X 1. Pin drop silence
Х 2. Dragged your feet
X 3. Herculean task
4. Held your horses

Question ID : 264330100296
Option 1 ID : 264330393749
Option 2 ID : 264330393752
Option 3 ID : 264330393751
Option 4 ID : 264330393750
Status: Answered
Q. 28 Select the most appropriate meaning of the given idiom.

Step up to the plate
Ans
X 1. Think about a crisis
X 2. Plan for better performance
X 3. Implement a plan
4. Take control of a situation
Q. 29 Select the most appropriate meaning of the underlined idiom. He ate the whole bunch of grapes under the nose of all of us.
Ans
Х 1. After much persuasion
2. In full view of somebody

ㄱ․ Sharing equally
4. Secretly
Q. 30 Select the INCORRECTLY spelt word.

Ans

1. Prefered
2. Revered

X 3. Answered
4. Reference
Q. 31 Select the option that can be used as a one-word substitute for the given group of words.

Extremely beautiful, elaborate or impressive
Ans
X 1. Proficient
2. Magnificent
3. Transient
4. Deficient
Q. 32 Select the most appropriate meaning of the given idiom. To burn the midnight oil
Ans
X 1. To waste time
2. To stay up late working or studying

X 3. To overthink
X4. To be relaxed and calm
Q. 33 Select the most appropriate synonym of the underlined word.

It was inevitable that the team management would sack him after his rude behaviour.
Ans

1. impassionate
2. amiable
3. measurable
4. unavoidable
Q. 34 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
As affidevit is a statement or declaration in writing an oath or affirmation, sworn before a person having authority to administer oath.
Ans
5. affidevit
6. administer
7. authority
8. affirmation
Q. 35 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

We have being / arranged the stay / for the guests at / a hillside resort.
Ans

1. a hillside resort
2. We have being
3. arranged the stay
4. for the guests at
Q. 36 Select the most appropriate synonym of the given word.

Extravagance
Ans
X 1 . Simplicity
X 2. Love
X 3. Fortune
4. Self- indulgence

Question ID : 264330163371
Option 1 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 7 3}$
Option 2 ID : 264330640774
Option 3 ID : 264330640772
Option 4 ID : 264330640771
Status: Answered
Chosen Option : 4
Q. 37 Select the most appropriate synonym of the given word.

Antique
Ans

1. Ancient

X 2. New
X 3. Gothic
X 4. Modern
Q. 38 Select the INCORRECTLY spelt word in the given sentence.

The Egyptian Pharohs were the Kings of ancient Egypt and were considered as the literal embodiment of God himself.
Ans
X 1. literal
X 2. ancient
3. pharohs

X 4. embodiment
Q. 39 Select the INCORRECTLY spelt word.

Ans
X 1. Isle
2. Braed

X 3. Achieve
4. Amicable
Q. 40 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Naina is leaving and I am think to apply for her job.
Ans

1. thinking in applying
2. thinking about applying
3. thinking about apply
4. thinking on applying

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Discrimination refers to the inequitable or (1) $\qquad$ treatment of individuals or collectives on the basis of attributes such as ethnicity, sex, age and sexual orientation. Studies have indicated that the perception of discrimination can (2) $\qquad$ a series of stress-induced alterations in an individual's mental, physiological and behavioural responses. The experience of stress is known to elicit unfavourable emotional reactions, including but not limited to (3) $\qquad$ despair and resentment. Furthermore, anxiety has been linked to a rise in health-compromising behaviours such as smoking, drinking and (4) $\qquad$ drug use, while simultaneously causing a (5) $\qquad$ in health-promoting activities such as quality sleep and vigorous exercise.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill in blank no. 1.

Ans
X 1. systematic
2. biased
$X$
3. pathetic
4. tragic

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

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SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank no. 2.

Ans
X 1 . support
X 2. inspire
3. trigger

X 4. motivate
Question ID : $\mathbf{2 6 4 3 3 0 1 6 3 4 3 8}$
Option 1 ID : 264330641026
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 1 0 2 5}$
Option 3 ID: $\mathbf{2 6 4 3 3 0 6 4 1 0 2 3}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 6 4 1 0 2 4}$
Status: Answered
chosen Option: $\mathbf{3}$

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Discrimination refers to the inequitable or (1) $\qquad$ treatment of individuals or collectives on the basis of attributes such as ethnicity, sex, age and sexual orientation. Studies have indicated that the perception of discrimination can (2) $\qquad$ a series of stress-induced alterations in an individual's mental, physiological and behavioural responses. The experience of stress is known to elicit unfavourable emotional reactions, including but not limited to (3) $\qquad$ , despair and resentment. Furthermore, anxiety has been linked to a rise in health-compromising behaviours such as smoking, drinking and (4) $\qquad$ drug use, while simultaneously causing a (5) $\qquad$ in health-promoting activities such as quality sleep and vigorous exercise.

SubQuestion No : 43
Q. 43 Select the most appropriate option to fill in blank no. 3.

Ans
X 1. death
2. anxiety

X 3. deafness
X 4. impairment

## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Discrimination refers to the inequitable or (1) $\qquad$ treatment of individuals or collectives on the basis of attributes such as ethnicity, sex, age and sexual orientation. Studies have indicated that the perception of discrimination can (2) $\qquad$ a series of stress-induced alterations in an individual's mental, physiological and behavioural responses. The experience of stress is known to elicit unfavourable emotional reactions, including but not limited to (3) $\qquad$ , despair and resentment. Furthermore, anxiety has been linked to a rise in health-compromising behaviours such as smoking, drinking and (4) $\qquad$ drug use, while simultaneously causing a (5) $\qquad$ in health-promoting activities such as quality sleep and vigorous exercise.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank no. 4.

Ans
X 1. prescribed
X 2. mandatory

- 3. illicit
$X$ 4. legitimate
Question ID: $\mathbf{2 6 4 3 3 0 1 6 3 4 4 0}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 6 4 1 0 3 3}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 1 0 3 4}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 1 0 3 2}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 6 4 1 0 3 1}$
Status: Answered
Chosen Option: $\mathbf{3}$


## Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Discrimination refers to the inequitable or (1) $\qquad$ treatment of individuals or collectives on the basis of attributes such as ethnicity, sex, age and sexual orientation. Studies have indicated that the perception of discrimination can (2) $\qquad$ a series of stress-induced alterations in an individual's mental, physiological and behavioural responses. The experience of stress is known to elicit unfavourable emotional reactions, including but not limited to (3) $\qquad$ , despair and resentment. Furthermore, anxiety has been linked to a rise in health-compromising behaviours such as smoking, drinking and (4) $\qquad$ drug use, while simultaneously causing a (5) $\qquad$ in health-promoting activities such as quality sleep and vigorous exercise.

SubQuestion No : 45
Q. 45 Select the most appropriate option to fill in blank no. 5.

Ans
$\times 1$. rise
X 2. unfruitful
3. decline

X 4. upheaval

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The world of social media is a strange and wondrous place. It's a world where you can connect with people from all over the globe, share your thoughts and opinions, and maybe even go viral if you're lucky. But let's be real, it's also a world filled with endless cat videos, oversharing, and drama.
One of the most interesting things about social media is the way it's changed the way we communicate. We've gone from long, thoughtful emails to quick, abbreviated messages with emojis and acronyms. And don't even get me started on the whole hashtag phenomenon. It's like we're all speaking a different language now.
But there are also some downsides to this constant connection. It's easy to get sucked into the world of social media and forget about the real world around us. We're so busy scrolling through our feeds that we forget to enjoy the little moments in life. And let's not forget about the pressure to present the perfect life online. It's like we're all in a competition to see who can be the most popular, the most successful, the most enviable.
Despite all of this, I have to admit, I'm still a fan of social media. It's a great way to stay connected with friends and family, and I've even made some new friends through various online communities. Plus, let's face it, sometimes you just need a good laugh at a ridiculous meme.

SubQuestion No : 46
Q. 46 What is the ANTONYM of the word 'perfect', as used in the passage?

Ans
$X$ 1. Troublesome
$X$ 2. Limited

- 3. Unsatisfactory
$X$ 4. Laughable


## Comprehension:

Read the given passage carefully and answer the questions that follow.
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SubQuestion No : 47
Q. 47 Which of the following is NOT mentioned as a way social media has changed the way we communicate?
Ans

1. Quick, abbreviated messages with emojis and acronyms.
2. Video conferencing for more meaningful conversations.
3. Connecting with people from all over the world.
4. The use of hashtags.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The world of social media is a strange and wondrous place. It's a world where you can connect with people from all over the globe, share your thoughts and opinions, and maybe even go viral if you're lucky. But let's be real, it's also a world filled with endless cat videos, oversharing, and drama.
One of the most interesting things about social media is the way it's changed the way we communicate. We've gone from long, thoughtful emails to quick, abbreviated messages with emojis and acronyms. And don't even get me started on the whole hashtag phenomenon. It's like we're all speaking a different language now.
But there are also some downsides to this constant connection. It's easy to get sucked into the world of social media and forget about the real world around us. We're so busy scrolling through our feeds that we forget to enjoy the little moments in life. And let's not forget about the pressure to present the perfect life online. It's like we're all in a competition to see who can be the most popular, the most successful, the most enviable.
Despite all of this, I have to admit, I'm still a fan of social media. It's a great way to stay connected with friends and family, and I've even made some new friends through various online communities. Plus, let's face it, sometimes you just need a good laugh at a ridiculous meme.

SubQuestion No: 48
Q. 48 Which of the following would be the most appropriate title for this passage?

Ans 1. The Joys and Sorrows of Social Media
X 2. The Benefits of Social Media
X 3. The Dark Side of Social Media
4. Mastering the Art of Social Media
Question ID : $\mathbf{2 6 4 3 3 0 1 6 5 1 2 7}$
Option 1 ID : $\mathbf{2 6 4 3 3 0 6 4 7 6 2 2}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 7 6 1 9}$
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 7 6 2 0}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 7 6 2 1}$
Status : Answered
Chosen Option : $\mathbf{1}$

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The world of social media is a strange and wondrous place. It's a world where you can connect with people from all over the globe, share your thoughts and opinions, and maybe even go viral if you're lucky. But let's be real, it's also a world filled with endless cat videos, oversharing, and drama.
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Despite all of this, I have to admit, I'm still a fan of social media. It's a great way to stay connected with friends and family, and I've even made some new friends through various online communities. Plus, let's face it, sometimes you just need a good laugh at a ridiculous meme.

SubQuestion No : 49
Q. 49 What is one of the downsides of social media mentioned in the passage?

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The world of social media is a strange and wondrous place. It's a world where you can connect with people from all over the globe, share your thoughts and opinions, and maybe even go viral if you're lucky. But let's be real, it's also a world filled with endless cat videos, oversharing, and drama.
One of the most interesting things about social media is the way it's changed the way we communicate. We've gone from long, thoughtful emails to quick, abbreviated messages with emojis and acronyms. And don't even get me started on the whole hashtag phenomenon. It's like we're all speaking a different language now.
But there are also some downsides to this constant connection. It's easy to get sucked into the world of social media and forget about the real world around us. We're so busy scrolling through our feeds that we forget to enjoy the little moments in life. And let's not forget about the pressure to present the perfect life online. It's like we're all in a competition to see who can be the most popular, the most successful, the most enviable.
Despite all of this, I have to admit, I'm still a fan of social media. It's a great way to stay connected with friends and family, and I've even made some new friends through various online communities. Plus, let's face it, sometimes you just need a good laugh at a ridiculous meme.

SubQuestion No : 50
Q. 50 What is the theme of the passage?

Ans $\quad \times 1$. The dangers of spending too much time online.
$X$ 2. The importance of social media for businesses.
3. The positive and negative effects of social media.
$X 4$. The history of social media.

## Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | G.B Infotech |
| Exam Date | 05/10/2023 |
| Exam Time | 9:00 AM - 11:00 AM |
| Subject | SICPO Paper I 2023 |

Section: General Intelligence and Reasoning
Q. 1 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans

1. LOKP
2. HMIL
3. KPLO
4. SXTW
Q. 2 If the given sheet is folded to form a cube, which of the given figures are possible?
(The elements are shown to indicate the sides only.)



1


2


3


4

Ans
X 1. Only 2 and 3
X 2. Only 2 and 4
3. Only 1 and 3
$\times 4$. Only 1 and 4
Q. 3 Select the correct mirror image of the given figure, when the mirror is placed at line MN as shown.


Ans

$\times 4$

Q. 4 If A denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation?
94 C 12 B 6 A 216 D 9 = ?
Ans

1. 46
$\times 2.52$
$\times 3.47$
$\times 4.68$

Question ID : 264330129785
Option 1 ID : 264330508372
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 0 8 3 7 3}$
Option 3 ID : 264330508374
Option 4 ID : 264330508371
Status: Answered
Q. 5 Which of the following numbers will replace the question mark (?) in the given series?

42, 53, 46, ?, 53, 66
Ans

- 1.58

X2.51
$\times 3.55$
$\times 4.48$
Q. 6 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans
$\times 1$.

$\checkmark 2$

$\times 3$.

$\times 4$

Q. 7 Six friends are sitting in a circle facing the centre. Sumit sits second to the right of Amit. Karan is an immediate neighbour of Param. Tony sits third to the right of Amit. Dharam is an immediate neighbour of Amit and Sumit. Karan sits second to the right of Sumit.
Who sits fourth to the right of Param?
Ans
X 1. Karan
X 2. Sumit
X 3. Dharam
4. Tony
Q. 8 Select the option that is related to the fifth number in the same way as the first number is related to the second number and the third number is related to the fourth number.
32:10:: 24:12:: 98:?
Ans
$\times 1.25$
$\times 2.24$
$\times 3.43$
4. 34
Q. 9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(7,52),(9,84)$
Ans 1. $(13,172)$
X 2 . $(11,125)$
X $3 .(14,196)$
$\times 4 .(8,65)$
Q. 10 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 6 '.




Ans
$\checkmark 1.4$
$\times 2.3$
$\times 3.1$
$\times 4.2$
Q. 11 If the given sheet is folded to form a cube, which of the given figures is/are possible?
(The numbers are shown to indicate the sides only.)

## 



Ans

1. 1
2. Only 4
$\times 2$. Only 3
$\times 3$. Only 1 and 4
X4. Only 2
Q. 12 In a certain code language, 'COLD' is coded as ' 6428 ' and ' $T$ IDE' is coded as ' 9673 '.

What is the code for ' $D$ ' in the given code language?
Ans
$\times 1.2$
2.6
$\times 3.3$
$\times 4.9$
Q. 13 Select the Venn diagram that best illustrates the relationship between the following classes.
Europe, United Kingdom, London
Ans
$\times 1$.

$\times 2$.

$\times 3$.

$\checkmark 4$.

Q. 14 ' $Z$ @ $A$ ' means ' $Z$ is the son of $A$ '.
' $Z$ * $A$ ' means ' $Z$ is the brother of $A$ '.
' $Z \times A$ ' means ' $Z$ is the father of $A$ '.
' $Z$ \# $A$ ' means ' $Z$ is the sister of $A$ '.
' $Z \$$ \$ ' means ' $Z$ is the daughter of $A$ '.
' $Z=A$ ' means ' $Z$ is the mother of $A$ '.
How is A related to Y in the following expression?
A * $\mathbf{S}=\mathbf{J} @ \mathbf{M} \times \mathbf{Y}$
Ans

1. $A$ is the father of $Y$.
2. A is the brother of Y .
3. $A$ is the brother of $Y$ 's mother.
4. $A$ is the cousin of $Y$.
Q. 15 Which letter-cluster will replace the question mark (?) to complete the given series? ZFKQ, BCMN, ?, FWQH, HTSE
Ans
(1. DZPJ

X 2. DBOM
X3.DAOL
4. DZOK

Question ID : 26433076663
Option 1 ID : 264330300719
Option 2 ID : 264330300718
Option 3 ID : 264330300717
Option 4 ID : 264330300716 Status: Answered
Q. 16 If ' + ' means ' $\div$ ' $^{\prime}$, '-' means ' + ' , ' $\times$ ' means ' - ' and ' $\div$ ' means ' $\times$ ', then what will come in place of (?) in the given equation?
$8 \div 5-5 \times 10+2=$ ?
Ans

- 1.40
$\times 2.30$
$\times 3.35$
$\times 4.45$
Q. 17 Select the figure that will come next in the following figure series.
?

Ans


Question ID : 26433087071
Option 1 ID : 264330341927
Option 2 ID : 264330341928
Option 3 ID : 264330341926
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 4 1 9 2 5}$
Q. 18 Select the correct mirror image of the given pattern when the mirror is placed at 'MN' as shown below.


Ans


- 2. 


$\times 3$.

$\times 4$

Q. 19 F is the brother of J. $E$ is the sister of $D . K$ is the sister of $L . D$ is the son of $L . J$ is the father of $E$. How is $D$ related to $F$ ?

Ans
X 1. Sister's husband
2. Brother's son
3. Wife
4. Brother's daughter
Q. 20 In a certain code language, 'EDUCATION' is written as 'FCVBBSJNO' and 'MICROSOFT' is written as 'NHDQPRPEU'. How will 'SEMICIRCLE' be written in that language?

Ans

1. TDNHDHSBMD
2. TDNHHDSBFM
3. TDHNDHSFBD
4. TDNHHDSBFD
Q. 21 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$

$\times 4$

Q. 22 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Pedal : Bicycle :: Oar: ?
Ans
X 1. Car
X 2. Television
3. Canoe

X 4. Motorcycle
Q. $23 P$ is to the north of $Q$. $T$ is to the east of $Q$ and $S$ is to the east of $P$. $S$ is to the northeast of $T$ and south-west of $R$. What is the position of $R$ with respect to Q? (All positions are arranged in GRID pattern)
Ans

1. North-east
2. South-west
3. East
4. South

Question ID : 26433068362
Option 1 ID : 264330267962
Option 2 ID : 264330267963
Option 3 ID : 264330267961
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 6 7 9 6 0}$
Status : Answered
Chosen Option : 1
Q. 24 Choose one of the following correct combinations of mathematical signs which can be filled to balance the following equation.
86

42 $\square$ 12
3
1
12
3 $\bigcirc$ 4

Ans
<1.,,$+- \div, \times,=,+$
2.--,-, $\div,=, \times,+$

X $3 .-,+, \div, \times,=,+$
4.-, +, $\times,=, \div,+$
Q. 25 Six students are sitting around a circular table facing the centre. A is an immediate neighbour of both $E$ and $D$. $E$ sits third to the right of $C$. D sits third to the left of $F$. $E$ is an immediate neighbour of $F$. B sits second to the left of $E$. Who is the immediate neighbour of both $A$ and $C$ ?

Ans
X1.E
2.D

X3.F
X4.B
Q. 26 If '+' means ' - ', ' - ' means ' $\div$ ', ' $\div$ ' means ' $x$ ' and ' $x$ ' means ' + ', then what will come in place of the (?) in the following equation?
$15 \times 30+15-3 \div 2=$ ?
Ans

1. 15
2. 30
3.35
-4. 40
Q. 27 Which of the following terms will replace the question mark (?) in the given series? HKOE , KNOE , ?, QTOE , TWOE

Ans

1. NQOE
2. QNOE
3. NQEO
4. NOQE
Q. 28 उस विकल्प का चयन कीजिए, जो तीसरे शब्द से उसी प्रकार संबंधित है, जिस प्रकार दूसरा शब्द पहले शब्द से संबंधित है। (शब्दों को अर्थपूर्ण शब्दों के रूप में माना जाना चाहिए, और वह शब्द में अक्षरों की संख्या/व्यंजनोंस्वरों की संख्या के आधार पर एक-दूसरे से संबंधित नहीं होना चाहिए।)

इच्छा करना (Yearn) : लालसा करना (Crave) :: फुर्ती (Haste) : ?
Ans

1. तत्परता (Alacrity)
2. तरसना (Hanker)
3. विलंब (Delay)
4. विश्राम (Leisure)
Q. 29 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(23,6,35)$
$(13,5,23)$
Ans
X $1 .(24,5,33)$
5. $(16,4,20)$
6. $(25,8,41)$
7. $(13,7,28)$
Q. 30 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$42 \times 6-7 \div 13+28=$ ?
Ans
$\times 1.43$
X 2.27

- 3.34
$\times 4.39$
Q. 31 In a certain code language, 'GRAPE' is coded as 21-54-3-48-15 and 'MELON' is coded as 39-15-36-45-42. How will 'PEACH' be coded in the same language?

Ans

1. 48-15-3-8-27
2. 48-15-3-9-24
3. 49-15-3-9-27
4. 45-16-3-9-24

Question ID : 264330132208
Option 1 ID : 264330517927
Option 2 ID : 264330517928
Option 3 ID : 264330517930
Option 4 ID : 264330517929 Status: Answered
Q. 32 Which number will replace the question mark (?) in the following series?
$6,20,42, ?, 110,156$
Ans
$\times 1.8$
2. 72
3. 50

X 4.64
Q. 33 Which of the following numbers will replace the question mark (?) in the given series? 473, 517, 561, ?, 649, 693
Ans
$\times 1.607$
2. 598
3. 603
4. 605
Q. 34 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.

Ans
${ }_{-} \mathrm{L}_{-} \mathrm{KS} \mathrm{S}_{-} \mathrm{T} \mathrm{U}_{-} \mathrm{S} \mathrm{L}_{-} \mathrm{K}$

1. LUSKTUK

X2.UTSKTLU

- 3. STULKTU

X4.KTULUTS

Question ID : 26433086953
Option 1 ID : 264330341454
Option 2 ID : 264330341453
Option 3 ID : 264330341455
Option 4 ID : 264330341456
Status: Answered
Q. 35 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Flint
2.Flec
3.Flaw
4.Fleet
5.Flight

Ans
X 1.3,5,4, 2, 1
< 2.2,3,4,5, 1
2. 3, 2, 4, 5, 1
$\times 4.3,4,2,5,1$

Question ID : 26433067248
Option 1 ID : 264330263504
Option 2 ID : 264330263506
Option 3 ID : $\mathbf{2 6 4 3 3 0 2 6 3 5 0 5}$
Option 4 ID : 264330263507
Status: Answered
Chosen Option : 3
Q. 36 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?


Ans

Q. 37 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(2,5,341)$
$(1,7,510)$
Ans
X $1 .(8,2,140)$
2. $(1,2,25)$

X $3 .(2,5,56)$
4. $(3,6,64)$
Q. 38 Six characters A, B, C, 1, 2 and 3 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the character on the face opposite to C.


Ans
$\times 1.2$
$\times 2.1$

- 3.3
$\times 4$. B
Q. 39 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
Some dates are hazelnuts.
All hazelnuts are walnuts.
Conclusions:
I. Some dates are walnuts.
II. Some walnuts are hazelnuts.

Ans

1. Both the conclusions follow

Х 2. Only conclusion I follows
X 3. Neither conclusion I nor II follows
X 4. Only conclusion II follows
Q. 40 Pooja drives 4 km towards east from point A . She takes a right turn and drives 2 km . Then she takes a left turn and drives 3 km . Again, she takes a left turn and drives 2 km to reach point $B$. How far and towards which direction should she drive now in order to reach point $A$ again?
Ans

1. 7 km towards west
2. 4 km towards south

X 3.4 km towards east
4.5 km towards north
Q. 41 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. All teas are coffees.
II. All coffees are beverages.
III. Some teas are drinks

Conclusions:
I. All teas are beverages.
II. No drink is a coffee.

Ans

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusions I and II follow
4. Neither conclusion I nor II follows
Q. 42 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
All irons are coppers.
All coppers are aluminiums.
Conclusions:
I. Some aluminiums are irons
II. Some aluminiums are coppers

Ans
X 1. Only conclusion II follows
X 2. Neither conclusion I nor II follows
X 3. Only conclusion I follows
4. Both the conclusions follow
Q. 43 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Desperate
2. Desolate
3. Destruction
4. Desire
5. Descend
6. Destination

Ans $\times 1.5,4,2,1,3,6$
X2.5,4,1,6,2,3

- 3. 5, 4, 2, 1, 6, 3

X4.5,4,1,2,6,3
Q. 44 In a certain code language, 'YATCH' is coded as 67 and 'DINE' is coded as 40 . How will 'MANGO' be coded in that language?
Ans

1. 57
2. 60
$\times 3.62$
3. 65
Q. 45 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


Ans

$\times 3$.

$+$
Q. 46 If ' + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$45-3 \div 144 \times 12+38=$ ?
Ans
< 1.123
2. 109
3.91
4. 95

Question ID : 264330101153
Option 1 ID : 264330397159
Option 2 ID : 264330397158
Option 3 ID : 264330397160
Option 4 ID : 264330397157
Status: Answered
Q. 47 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans
X 1. OKNL
2. JQAZ

X 3. FBEC
4. HDGE
Q. 48 In a certain code language, 'STORY' is coded as ' 97 ' and 'PULL' is coded as ' 61 '. How will 'INCOME' be coded in that language?
Ans
X 1.54
< 2.49
3. 59
4. 47
Q. 49 Which of the following numbers will replace the question mark (?) in the given series

32, 32, 32, 34, ?, 106, 530
Ans
X1.96
$\times 2.38$

- 3.102

4. 34

Question ID : 264330145336
Option 1 ID : 264330569599
Option 2 ID : 264330569600
Option 3 ID : 264330569602
Option 4 ID : 264330569601
Status : Not Answered Chosen Option : --
Q. 50 Which two signs should be interchanged to make the given equation correct?
$729 \times 9-(56-6) \times 5 \div 2+152 \times 19=69$
Ans
$\times 1 . \times$ and +
2. $\times$ and $\div$

X $3 . \div$ and -
4. + and -

Section: General Knowledge and General Awareness
Q. 1 Ashtadhyayi, is a Sanskrit treatise on grammar, written in the 6th to 5th century BCE by $\qquad$ -
Ans

1. Panini
2. Patanjali
3. Agastya
4. Vishvamitra
Q. 2 The provision of fundamental duties in the Indian Constitution is inspired by
$\qquad$
Ans
5. the constitution of USSR
6. the constitution of France
7. the constitution of Canada
8. the constitution of USA
Q. 3 Which of the following is NOT included in inventory investment when calculating national income?

Ans

1. Change in sales during the year
2. Change in stock of raw material
3. Change in stock of semi-finished goods
4. Change in stock of finished goods
Q. 4 The birth rate indicates the number of live births occurring during the year per 1000 population estimated at midyear.

Ans

1. crude
2. positive
3. negative
4. neutral
Q. 5 The shape of a basketball court is a $\qquad$ .
Ans
X 1. square
5. rectangle

X 3. triangle
4. circle
Q. 6 Under which Article of the Indian Constitution shall the executive power of the Union be vested in the President?

Ans

1. Article 53
2. Article 55
3. Article 58
4. Article 56

Question ID : 264330114494
Option 1 ID : 264330450061
Option 2 ID : 264330450062
Option 3 ID : 264330450064
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 5 0 0 6 3}$ Status: Answered
Q. 7 आप उस प्रकार की दवाओं को क्या कहते हैं, जो ग्राही (receptor) को स्विच ऑन करके प्राकृतिक संदेशवाहक (natural messenger) की प्रतिकृति करती हैं?
Ans

1. प्रति-अवसादक (Antidepressants)
2. एगोनिस्ट (Agonist)

X 3. अवसादक (Depressants)
4. एंटागोनिस्ट (Antagonist)

Question ID : 264330145209
Option 1 ID : 264330569094
Option 2 ID : 264330569093
Option 3 ID : 264330569091
Option 4 ID : 264330569092
Status : Not Answered
Chosen Option : --
Q. 8 In which of the following years did the government opt for a plan holiday after the seventh five-year plan?
Ans
X 1. From 1991 to 1993
2. From 1990 to 1992
3. From 1992 to 1993
4. From 1989 to 1991
Q. 9 Which of the following did NOT emerge as a result of disintegration of the Bahmani kingdom during the $16^{\text {th }}$ century?
Ans
X 1. Ahmadnagar
2. Gaur
3. Golconda
4. Bidar
Q. 10 When was the $8^{\text {th }}$ round of the General Agreement on Tariffs and Trade (GATT), the socalled 'Uruguay Round' which led to the establishment of World Trade Organization (WTO) completed?
Ans
$x$ 1. 1993
2. 1994

X 3.1991
X4. 1992
Q. 11 In which of the following languages is 'Childhood Days - A Memoir' by Satyajit Ray written?

Ans
X1. Hindi
2. Telugu
3. Kannada
4. Bengali
Q. 12 Which of the following dance forms originated in Southeastern India?

Ans
$\times 1$. Chhau
X 2. Sattriya
X 3. Kathak
4. Kuchipudi

Question ID : 26433064643
Option 1 ID : 264330253167
Option 2 ID : 264330253166
Option 3 ID : 264330253164
Option 4 ID : 264330253165 Status : Not Answered

Chosen Option : --
Q. 13 Where is Red Lake found?

Ans

1. USA
2. UK
3. China
4. Japan

Question ID: 26433064474
Option 1 ID : 264330252490
Option 2 ID : 264330252491
Option 3 ID : 264330252488
Option 4 ID : 264330252489
Q. 14 How many fundamental duties are listed in the Indian Constitution as of 2022?

Ans
$\times 1.13$
2. 10
$\times 3.12$
4. 11
Q. 15 Which of the following is NOT an example of small savings?

Ans

1. Mutual Funds
2. National Savings Certificates
3. Kisan Vikas Patras
4. Post Office Deposits
Q. 16 $\qquad$ land is suitable for cropping on a regular basis.
Ans
X 1. Urban
X 2. Barren
5. Arable

X 4. Marginal

Question ID : 264330163191
Option 1 ID : 264330640075
Option 2 ID : 264330640076
Option 3 ID : 264330640077
Option 4 ID : 264330640078 Status : Not Answered

Chosen Option : --
Q. 17 Who among the following had written the novel Coolie, that concentrated on social misery caused by inhumanity?
Ans
X 1. RK Narayan
2. Vijay Tendulkar

X 3. VS Naipal
4. Mulk Raj Anand

Question ID : 26433071684
Option 1 ID : 264330281162
Option 2 ID : 264330281163
Option 3 ID : 264330281160
Option 4 ID : 264330281161 Status : Not Answered
Chosen Option : --
Q. 18 Which of the following dance forms traces its lineage to the ancient dance of Sadir Attam?
Ans

1. Bharatanatyam
2. Kuchipudi

X 3. Mohiniyattam
4. Kathakali
Q. 19 What percentage of jobs in India are at risk of automation, as per World Bank data, 2016?

Ans

1. $77 \%$
2. $40 \%$
3. $69 \%$
4. $55 \%$

Option 1 ID : 264330437521
Option 2 ID : 264330437524
Option 3 ID : 264330437522
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 3 7 5 2 3}$
Status: Not Answered
Chosen Option : --
Q. 20 निम्नलिखित में से कौन-सा गोलकृमि है?

Ans
Х 1. प्लैनेरिया (Planaria)
2. एस्केरिस (Ascaris)
3. यकृत् पर्णकृमि (Liver fluke)

X4. टीनिया (Taenia)

Question ID : 26433082205
Option 1 ID : 264330322656
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 2 2 6 5 3}$
Option 3 ID : 264330322655
Option 4 ID : 264330322654
Status : Not Answered
Chosen Option : --
Q. 21 Which of the following indicates the system introduced by Lord Cornwallis granting legal ownership of land to the zamindars in Bengal in order to get a fixed revenue by a fixed date?

Ans
Х 1. The Ryotwari System
2. Mahalwari System
3. Taluqdari System
4. The Permanent Settlement
Q. 22 Vultures are:

Ans 1. carnivores
2. omnivores
3. decomposers
4. herbivores

Question ID : 26433086613
Option 1 ID : 264330340096
Option 2 ID : 264330340094
Option 3 ID : 264330340093
Option 4 ID : 264330340095 Status : Answered

Chosen Option : 1
Q. 23 Which of the following is NOT an example of a minor industrial region of India?

Ans

1. Durg-Raipur region
2. Ambala-Amritsar region
3. Northern Malabar region
4. Hugli region

Question ID: 264330145256
Option 1 ID : 264330569282
Option 2 ID : 264330569281
Option 3 ID : 264330569280
Option 4 ID : 264330569279 Status : Not Answered
Chosen Option : --
Q. 24 Jagjit Singh is associated with which form of singing?

Ans

1. Ghazal
2. Thumri

X 3. Dhrupad
4. Tappa
Q. 25 By observing the motion of objects on an inclined plane $\qquad$ deduced that objects move with a constant speed when no force acts on them.
Ans

1. Michael Faraday
2. Johannes Kepler
3. Galileo

X 4. Archimedes
Q. 26 In which type of rainfall, winds move out from a high-pressure area with wind direction clockwise in the northern hemisphere, and anti-clockwise in the southern hemisphere?
Ans
X 1. Orography
X 2. Cyclones
3. Anticyclone

X4. Convection

Question ID : 264330111911
Option 1 ID : 264330439732
Option 2 ID : 264330439731
Option 3 ID : 264330439729
Option 4 ID : 264330439730
Status: Not Answered Chosen Option : --
Q. 27 From the given options, choose the one which is NOT a product of the decomposition reaction of Lead nitrate.

Ans

1. Nitrogen dioxide

X 2. Oxygen
3. Nitrogen

X 4. Lead oxide
Q. 28 The Eastern Ghats stretch from the $\qquad$ to the Nigiris in the south.
Ans
X 1. Damodar Valley
2. Son Valley
3. Mahanadi Valley
4. Godavari Valley
Q. 29 When was the Atmiya Sabha founded to attack the evils within Hinduism?

Ans
$\times 1.1845$
2. 1814

X 3.1839
X4. 1828
Q. 30 The 'Servants of India Society' was the brainchild of which of the following leaders?

Ans
X 1. Chittaranjan Das
2. Gopal Krishna Gokhale

X 3. BR Ambedkar
4. Lala Lajpat Rai
Q. 31 The President of which of the following countries was invited as the Chief Guest for the Republic Day parade on 26 January 2020 ?
Ans

1. New Zealand
2. Australia
3. Brazil
4. Indonesia

Question ID : 26433070819
Option 1 ID : 264330277725
Option 2 ID : 264330277726
Option 3 ID : 264330277724
Option 4 ID : 264330277727 Status : Not Answered
Chosen Option: --
Q. 321 kilowatt is equivalent to:

Ans

1. $3600 \mathrm{KJ} / \mathrm{h}$
2. 3600 calorie
3. $7200 \mathrm{KJ} / \mathrm{h}$
4. 7200 Joule

Question ID : 264330131763
Option 1 ID : 264330516151
Option 2 ID : 264330516153
Option 3 ID : 264330516152
Option 4 ID : 264330516154 Status : Not Answered
Q. 33 The star-shaped temples were built during the reign of:

Ans
X 1. Chalukaya
X 2. Badami
X 3. Cholas
4. Hoysala
Q. 34 Hara Shankar Bhattacharya is a maestro of $\qquad$ -
Ans

- 1. sitar

X 2. sarangi
X 3. violin
4. santoor
Q. 35 Which radioactive element with atomic number 43 in the modern periodic table is unstable, and the half-lives of all its isotopes are relatively short, from 4.2 million years to 5.0 s?

Ans

1. Nobelium
2. Promethium
3. Neptunium
4. Technetium
Q. 36 The Himalayas have been divided on the basis of regions from west to east. The correct order of regions from west to east is:
Ans1. Punjab Himalayas, Nepal Himalayas, Kumaon Himalayas and Assam Himalayas
5. Punjab Himalayas, Kumaon Himalayas, Nepal Himalayas and Assam Himalayas
6. Punjab Himalayas, Kumaon Himalayas, Assam Himalayas and Nepal Himalayas
7. Punjab Himalayas, Nepal Himalayas, Assam Himalayas and Kumaon Himalayas
Q. 37 How many times has India won the ICC T20 Men's World Cup in cricket?

Ans
$\times 1.3$
$\times 2.2$

- 3.1
$\times 4.4$
Q. 38 Which chemical element of Group 18 of the periodic table is produced by the natural radioactive decay of uranium in soils and rocks?

Ans

1. Oganesson
2. Krypton
3. Radon
4. Neon

Question ID : 264330110061
Option 1 ID : $\mathbf{2 6 4 3 3 0 4 3 2 5 2 3}$
Option 2 ID : 264330432522
Option 3 ID : 264330432524
Option 4 ID : 264330432521
Status : Not Answered
Chosen Option: --
Q. 39 Chad Sukra festival is celebrated by the Jaintia tribe of $\qquad$ .

Ans
X 1. Jharkhand
X 2. Assam
X 3. Punjab
4. Meghalaya

Question ID : 26433086641
Option 1 ID : 264330340208
Option 2 ID : 264330340207
Option 3 ID : 264330340205
Option 4 ID : 264330340206
Status: Answered
Chosen Option: 4
Q. 40 Which of the following industries was NOT in Schedule A of Industrial Policy 1956?

Ans
X 1. Air transport
2. Mining of salt
3. Mineral oils
4. Iron and steel

Question ID : 264330141497
Option 1 ID : 264330554325
Option 2 ID : 264330554326
Option 3 ID : 264330554324
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 5 4 3 2 3}$
Q. 41 Which Article of the Constitution of India states that the Prime Minister is appointed by the President of India?

Ans

1. Article 73
2. Article 75
3. Article 74
4. Article 76
Q. 42 Ammannur Madhava Chakyar was conferred the Padma Shri for his contribution to which of the following dance forms?

Ans

1. Kutiyattam
2. Kuchipudi
3. Kathakali
4. Yakshagana

Question ID : 264330145160
Option 1 ID : 264330568895
Option 2 ID : 264330568898
Option 3 ID : 264330568897
Option 4 ID : 264330568896
Status : Not Answered
Chosen Option : --
Q. 43 Which cell organelle appears as rounded or sausage-shaped structures under electron microscopy, measuring about 0.5-1.0 $\mu \mathrm{m}$ in diameter and 2-8 $\mu \mathrm{m}$ in length?

Ans

1. Ribosomes
2. Lysosomes
3. Mitochondria
4. Plastids
Q. 44 When was Khandesh merged into the Mughal empire by Akbar?

Ans

1. 1601
2. 1595

X 3.1597
4. 1605

Question ID : 264330109022
Option 1 ID : 264330428367
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 2 8 3 6 5}$
Option 3 ID : 264330428368
Option 4 ID : 264330428366
Status : Not Answered
Chosen Option : --
Q. 45 How many types of the amendment are mentioned by the Indian Constitution as per Article 368?
Ans
X 1. Five
2. Four
3. Two
4. Three
Q. 46 In the game of Ice hockey, during normal play how many players are there in each team on the ice at any one time to compete?

Ans
$\times 1.12$
2. 6
3. 10

- 4.5

Question ID : 26433089942
Option 1 ID : 264330353247
Option 2 ID : 264330353245
Option 3 ID : 264330353246
Option 4 ID : 264330353248
Status: Not Answered
Chosen Option: --

## Q. 47 Siachen in Himalayas is:

Ans

1. a glacier
2. a national park
3. a dam
4. a lake

Question ID : 264330169991
Option 1 ID : 264330666640 Option 2 ID : 264330666641 Option 3 ID : 264330666639 Option 4 ID : $\mathbf{2 6 4 3 3 0 6 6 6 6 4 2}$ Status: Answered
Chosen Option: 1
Q. 48 Maimata is a popular folk dance of which of the following states?

Ans

1. Tripura
2. Uttarakhand
3. Haryana
4. Punjab

Question ID : 264330164794
Option 1 ID : 264330646306
Option 2 ID : 264330646303
Option 3 ID : 264330646304
Option 4 ID : 264330646305
Status : Not Answered
Chosen Option : --
Q. 49 To which feature of the Constitution of India does the appointment of the Governor by the Centre belong?

Ans

1. Federal feature
2. Directive Principles
3. Supremacy of the Constitution
4. Unitary system
Q. 50 The term 'inning' is related to which of the following sports?

Ans
X 1. Volleyball
2. Kho-Kho

X 3. Hockey
X 4. Basketball

Section : Quantitative Aptitude
Q. 1 Find the fourth proportional to $0.48,0.84$ and 32 .

Ans
$\times 1.65$
$\times 2.34$

- 3.56
$\times 4.43$
Q. 2 Study the given table and answer the question that follows.

The table shows data of population and literacy/illiteracy rate among the population in three different villages.

| Village | Respective ratio <br> between number of <br> males and females | Percentage of literates <br> (Males and females) <br> out of total population | Number of illiterates <br> (Males and females) <br> out of total <br> population |
| :--- | :---: | :---: | :---: |
| P | $2: 5$ | 45 | 380 |
| Q | $3: 7$ | 65 | 270 |
| R | $1: 3$ | 80 | 150 |

The number of illiterates in village $\mathbf{R}$ is what percentage less than that in village $\mathbf{P}$ ?
Ans
$\times 1.60 \frac{11}{19} \%$
$\times 2.60 \frac{9}{19} \%$
จ $3.60 \frac{10}{19} \%$
$\times 4.60 \frac{8}{19} \%$
Q. 3 In a circle of radius 42 cm , an arc subtends an angle of $60^{\circ}$ at the centre. Find the length of the arc.
(Take $\pi=\frac{22}{7}$ )
Ans

1. 44 cm
2. 21 cm
3. 22 cm

- 4.42 cm
Q. 4 Mihir buys a book for ₹ 625 . However, because of certain urgency, he sells it for ₹ 550 . Find his loss percentage.

Ans

1. $12 \%$
2. $14 \%$
3. $10 \%$
4. $15 \%$

Question ID : 264330102340
Option 1 ID : 264330401826
Option 2 ID : 264330401827
Option 3 ID : 264330401825
Option 4 ID : 264330401828
Status: Answered
Chosen Option : 1
Q. 5 The salary of Arpit fell by 5\% after 1 year and further fell by 8\% after the second year due to bad performance. Initially, his salary was $₹ 80,000$. What is his current salary (in ₹)?
Ans
$\times 1.69620$
2. 69920

X 3.70920
×4.65720
Q. 6 Study the given graph and answer the question that follows.

The graph shows data related to number of students enrolled for a vocational course in two institutes ( X and Y ) during three years.


What is the difference between the average number of students enrolled in institute X in 2010 and 2011 and that in institute Y in 2011 and 2012?

Ans

- 1.20

X2. 15
$\times 3.18$
$\times 4.22$

Question ID : 264330158274
Option 1 ID : 264330620457
Option 2 ID : 264330620455
Option 3 ID : 264330620456
Option 4 ID : 264330620458
Q. 7 The total surface area of a solid hemisphere is $4158 \mathrm{~cm}^{2}$. Find its volume (in $\mathrm{cm}^{3}$ ).

Ans
X 1.462
X2. 9702
X 3.1848
4. 19404
Q. 8 The average weight of 8 students is 48 kg . If four students of average weight 44 kg and four students of average weight 58 kg is also added, then find the average weight of 16 students.

Ans
1.49 .5 kg
2. 48 kg
3.49 kg
4.48 .5 kg

Question ID : 264330165520
Option 1 ID : 264330649162
Option 2 ID : 264330649159
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 9 1 6 0}$
Option 4 ID : 264330649161
Status: Answered
Q. 9 Simplify the given expression.
$(1-2 x)^{2}-(1+2 x)^{2}$
Ans
X1. $8 x$
2. $-8 x$
3. $-\left(2+8 x^{2}\right)$

X4. $2+8 x^{2}$

Question ID : 264330157760
Option 1 ID : 264330618401
Option 2 ID : 264330618402
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 1 8 4 0 0}$
Option 4 ID : 264330618399
Q. 10 The table below shows the number of laptops sold by the 4 sellers and the ratio of Brandl laptops sold to Brand 2 laptops sold.

| Seller | Total laptops sold | Brand1 laptops sold: <br> Brand2 laptops sold |
| :--- | :--- | :--- |
| A | 4000 | $3: 1$ |
| B | 6000 | $2: 1$ |
| C | 8000 | $5: 3$ |
| D | 5000 | $1: 4$ |

The number of Brand1 laptops sold by A seller is how many more than the number of Brand2 laptops sold by B seller?
Ans
$\times 1.1200$
$\times 2.800$

- 3.1000
$\times 4.600$
Q. 11 A boy goes from home to school at a speed of $30 \mathrm{~km} / \mathrm{h}$ and returns back at a speed of $70 \mathrm{~km} / \mathrm{h}$. What is his average speed for the journey?

Ans

1. $42 \mathrm{~km} / \mathrm{h}$
2. $48 \mathrm{~km} / \mathrm{h}$
3. $38 \mathrm{~km} / \mathrm{h}$
4. $36 \mathrm{~km} / \mathrm{h}$
Q. 12 Rupu's income is $20 \%$ more than Madhu's income. Madhu's income is less than Rupu's income by:

Ans
$\times 1.17 \frac{2}{3} \%$
2. $20 \%$
X. $18 \frac{2}{3} \%$
4. $16 \frac{2}{3} \%$

Question ID : 264330145077
Option 1 ID : 264330568565
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 5 6 3}$
Option 3 ID : 264330568564
Option 4 ID : 264330568566
Q. 13 What annual instalment (in ₹) will discharge a debt of ₹ 9,429 due in three years at $12.25 \%$ simple interest per annum? [Note: Instalments will be paid at the end of Year 1, Year 2 and Year 3.]
Ans
X 1. 2,840
2. 2800
$\times 3.2700$
4. 2760
Q. 14 Study the given table and answer the question that follows.

The table shows the number of students studying in 6 different classes of 6 different schools.

| Schools | V | VI | VII | VIII | IX | X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P | 152 | 160 | 145 | 156 | 147 | 144 |
| Q | 148 | 166 | 150 | 155 | 157 | 143 |
| R | 161 | 152 | 140 | 145 | 143 | 165 |
| S | 159 | 142 | 149 | 140 | 142 | 168 |
| T | 147 | 144 | 158 | 163 | 154 | 150 |
| U | 150 | 160 | 162 | 160 | 160 | 140 |
| Total | 917 | 924 | 904 | 919 | 903 | 910 |

Which class has the minimum number of students from all schools together?
Ans
X 1. VIII

- 2. IX

X 3. VII
$\times 4 . \mathrm{X}$
Q. 15 Find the least number which is exactly divisible by $20,28,34,60$ and 75.

Ans
X 1.36220
$\times 2.35900$
$\times 3.34500$

- 4.35700

Question ID : 264330102310
Option 1 ID : 264330401706
Option 2 ID : 264330401707
Option 3 ID : 264330401708
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 0 1 7 0 5}$ Status: Answered
Chosen Option: $\mathbf{4}$
Q. 16 The mean proportional between 0.03 and 0.0003 is:

Ans

1. 0.0003
2. 0.0013
3. 0.003
4. 0.033

Question ID : 264330145037
Option 1 ID : 264330568405
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 4 0 3}$
Option 3 ID : 264330568404
Option 4 ID : 264330568406
Status: Answered
Q. 17 If $a+b+c=5$ and $a b+b c+c a=7$, then the value of $a^{3}+b^{3}+c^{3}-3 a b c$ is:

Ans
$\times 1.15$
2. 20
$\times 3.25$
4.30
Q. 18 The given pie-chart represents the survey report on favourite games of a group of young people.


If a total of 4980 people were surveyed, then what is the central angle produced by the sector indicating football?

Ans

- $1.108^{\circ}$
$\times 2.105^{\circ}$
$\times 3.100^{\circ}$
$\times 4.90^{\circ}$
Q. 19 A shopkeeper increases the cost price of an item by $50 \%$ and offers a discount of $\mathbf{4 0 \%}$ on this marked price. What is his loss percentage?

Ans

1. $15 \%$
2. $20 \%$
3. $10 \%$
4. $5 \%$

Question ID : 264330104507
Option 1 ID : 264330410329
Option 2 ID : 264330410330
Option 3 ID : 264330410332
Option 4 ID : 264330410331
Status: Answered
Chosen Option: 3
Q. 20 An item with a marked price of ₹ $z$ was sold for ₹ 6,622 , after a discount of $12 \%$ was offered. What was the value of $z$ ?

Ans

1. ₹7,425
2. ₹ 7,500
3. ₹ 7,525
4. ₹7,575
Q. 21 Study the given bar graph carefully to answer the question that follows. Marks obtained by four students in Mid-I and Mid-II.
 students
\%Mid-I Mid-II

Marks obtain by Hemanth in Mid-I are what percentage of the total marks obtained by all the students in Mid-I?

Ans
X1.30\%
X $2.15 \%$
X $3.20 \%$
4. $25 \%$
Q. 22 The following table shows the income of a company in a year from various sectors:

| Sectors | Finance | Communication | Production | Sales | Transportation |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Amount (in lakh ₹) | 85 | 60 | 67 | 115 | 75 |

What is the difference (in lakh ₹) between the income from the maximum earning sector and the minimum earning sector?
Ans
X 1.48
$\times 2.40$
$\times 3.30$

- 4.55
Q. 23 If interest be compounded half-yearly, then find the compound interest on ₹8,000 at 20\% p.a. for 1 year.
Ans
X 1. ₹1,675
X 2. ₹1,690

3. ₹1,685
4. ₹ 1,680
Q. 24 What is the HCF of $\left(\mathrm{x}^{6}+1\right)$ and $\left(\mathrm{x}^{4}-1\right)$ ?

Ans
(1. 1
2. $(1+\mathrm{x})$
3. $\left(1-x^{2}\right)$
4. $\left(1+x^{2}\right)$
Q. 25 The value of $\frac{1 \frac{1}{2} \div 3 \frac{1}{4}+\frac{1}{2} \div \frac{13}{14}+\frac{1}{5}}{\frac{1}{5} \times 3 \frac{1}{2}-\frac{1}{3} \div 1 \frac{3}{4} \times 3 \frac{1}{2}}$ is:

Ans
$\times 1.33$

- 2.36
$\times 3.38$

4. 40

Question ID : 26433064877
Option 1 ID : 264330254103
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 5 4 1 0 0}$
Option 3 ID : 264330254102
Option 4 ID : 264330254101
Status: Answered
Q. 26 If 2 men or 4 women can build a wall in 34 days, in how many days can 6 men and 5 women build the same wall?

Ans
X 1.24
2. 8
3. 12
4. 16
Q. 27 Find the HCF of 78, 84, 90 and 112.

Ans
X1.1
2.2
$\times 3.5$
4.7
Q. 28 Study the given graph and answer the question that follows.

The following graph shows the distribution of the cost percentage of different items.


If a person purchased all the items for ₹ $3,00,000$, then the cost of a TV is less than that of a laptop by:

Ans
X 1. ₹ 40,000
2. ₹55,000
3. ₹50,000
4. ₹45,000

Question ID : 264330157065
Option 1 ID : 264330615633
Option 2 ID : 264330615634
Option 3 ID : 264330615631
Option 4 ID : 264330615632
Q. 29

If $\cos A=\frac{1}{2}, 0 \leq A \leq 90^{\circ}$, then what is the value of $\sin (180-A)$ ?
Ans
$\times 1 \frac{1}{2}$
2. $\frac{\sqrt{3}}{2}$
x3. $\frac{1}{\sqrt{3}}$
$\times 4.1$
Q. 30 Mahesh agreed to sell rice with $24 \%$ loss, as the rice got rotten. However, he cheated customers and gave only 19 gm of rice in place of 50 gm of rice. What is the percentage of his profit or loss?

Ans
$\times 1.100 \%$ loss
2. $\frac{100}{3} \%$ loss
3. $\frac{100}{3} \%$ profit
4. $100 \%$ profit
Q. 31 A cylinder has some water in it at a height of 16 cm . If a sphere of radius 9 cm is put into it, then find the rise in the height of the water if the radius of the cylinder is 12 cm .
Ans
1.8 cm
2. 6 cm
3. 8.75 cm
4. 6.75 cm
Q. 32 A can do $\frac{1}{5}$ of a piece of work in 20 days, B can do $30 \%$ of the same work in 36 days, while C can do $80 \%$ of the same work in 160 days. B and C together started and worked for x days. After x days B left the work, and A joined C and both completed the remaining work in $(x-41)$ days. If the ratio between the work done by $(B+C)$ together to the work done by $(A+C)$ together is $19: 6$, then what fraction of the same work can be completed by C alone in 2 x days?

Ans

1. $\frac{57}{100}$
2. $\frac{13}{25}$
3. $\frac{19}{25}$
4. $\frac{6}{25}$
Q. 33 If the radius of two circles be 6 cm and 9 cm and the length of the transverse common tangent be 20 cm , then find the distance between the two centres.

Ans

1. 25 cm
2. 22 cm
3. 24 cm
4. 27 cm
Q. 34 Nikunj goes 4 kilometres against the current of a stream in 1 hour, and 2 kilometres along the current in 15 minutes. How long will it take him to go 7 kilometres in stationary water?
Ans
X 1.1 hour 15 minutes
X 2 . 1 hour 20 minutes
5. 1 hour 10 minutes
$\times 4.1$ hour 5 minutes
Q. 35 At 7: 30 P.M. the owner of a Cycle noticed that a thief is taking away his cycle from his home and is cycling in a particular direction at an estimated speed of 10 km per hour. He informed the police about the theft and the policeman started from the same point, half an hour later than the time of the theft but with a speed of $\mathbf{1 2} \mathbf{~ k m}$ per hour. At what time will Policeman catch the thief?
Ans
( 1. 10:45 P.M.
6. 9: 30 P.M.

X 3. 10:00 P.M.
4. 10:30 P.M.
Q. 36 The pie chart below shows the spendings of a state on various sports during a particular year:


If the total amount spent on sports during the year was $₹ 75,00,000$ then how much (in ₹) was spent on cricket and hockey together?

Ans

1. ₹ $18,75,000$
2. ₹ $26,80,000$
3. ₹ $24,75,000$
4. ₹ $21,55,000$
Q. 37 In a $\triangle A B C$, the bisectors of angle $A B C$ and angle $A C B$ intersect each other at point $O$. If the angle $B O C$ is $125^{\circ}$, then the angle $B A C$ is equal to:
Ans
5. $75^{\circ}$
6. $78^{\circ}$
7. $70^{\circ}$
8. $82^{\circ}$
Q. 38 Two trains Mumbai Rajdhani and Kissan Express of lengths 850 m and 700 m are 1050 m apart, and are running on parallel tracks towards each other. Mumbai Rajdhani is running at $62 \mathrm{~km} / \mathrm{h}$ and Kissan Express is running at $55 \mathrm{~km} / \mathrm{h}$. In how much time (in sec ) will the trains cross each other?
Ans
$\times 1.70$
$\times 2.45$
-3. 75
9. 80
Q. 39 If $\sin \beta=\frac{1}{3},(\sec \beta-\tan \beta)^{2}$ is equal to:

Ans
$\times 1 . \frac{3}{4}$
2. $\frac{2}{3}$
3. $\frac{1}{2}$
-4. $\frac{1}{3}$
Q. 40 A right square pyramid having lateral surface area is $624 \mathrm{~cm}^{2}$. If the length of the diagonal of the square is $24 \sqrt{ } 2$, then the volume of the pyramid is:
Ans
$\times 1.1150 \mathrm{~cm}^{3}$
$2.780 \mathrm{~cm}^{3}$
3. $1083 \mathrm{~cm}^{3}$
4. $960 \mathrm{~cm}^{3}$
Q. 41 The sides of a rectangle are in the ratio of $3: 8$ and its area is $1944 \mathrm{~cm}^{2}$. What is its perimeter?

Ans

1. 189 cm
2. 208 cm
3. 198 cm
4. 308 cm
Q. 42 A and B complete a work in 24 and 30 days, respectively, working 10 hours per day. The work is to be done in two shifts. The morning shift is for 6 hours and the evening shift is for 4 hours. On the first day, A works in the morning and B works in the evening, and they interchange their shifts every day. On which day did the work get completed?

Ans
X 1.21st day
X 2. 24th day
3. 30th day
4. 27th day
Q. 43

If $\sin A=\frac{\sqrt{3}}{2}, 0<A<90^{\circ}$, then find the value of $2(\operatorname{cosec} A+\cot A)$.
Ans

1. $2 \sqrt{3}$
2. $\sqrt{3}$
3. $\frac{2}{\sqrt{3}}$
4. $\frac{1}{\sqrt{3}}$
Q. 44 The height and the radius of the base of a right circular cone are in the ratio of $12: 5$. If its volume is $314 \mathrm{~cm}^{3}$, then what is the slant height of the cone? (Use $\pi=3.14$ )
Ans
X 1.12 cm
5. 11 cm

- 3.13 cm
$\times 4.14 \mathrm{~cm}$
Q. 45 Three numbers are in the ratio of $5: 7: 9$ and their LCM is 34,650 . Their HCF is:

Ans
$\times 1.315$
$\times 2.55$

- 3.110
$\times 4.99$
Q. 46 Which is the largest number that divides each of 1036,1813 and 3885 without leaving any remainder?
Ans

1. 333
2. 111
3. 259
4. 37
Q. 47 If $\sin A=\frac{2}{3}$, then find the value of $(7-\tan A)(3+\cos A)$.

Ans

- $1 \frac{61}{3}+\frac{17}{3 \sqrt{5}}$

2. $\frac{61}{3 \sqrt{5}}+\frac{17}{3}$
(3. $\frac{61}{3}+\frac{17}{\sqrt{5}}$
3. $\frac{61}{3}-\frac{17}{3 \sqrt{5}}$
Q. 48 In an election between two candidates, $20 \%$ of the voters on the voters list did not cast their votes and 80 voters cast their ballot papers blank. The winner secured $45 \%$ of all the voters in the list and he got 280 votes more than his rival. The number of voters on the list was:

Ans
X 1.1500
(2. 2800

X 3.2500
4. 2000
Q. 49 Find the LCM of 73 and 657.

Ans
$\times 1.73$
2. 657
-3. 146
4. 365
Q. 50 In a circle, chords $A B$ and $C D$ intersect internally at $E$. If $C D=18 \mathrm{~cm}, D E=5 \mathrm{~cm}, A E=$ 13 cm , then the length of $B E$ is:
Ans
$\times 1.4 \mathrm{~cm}$
X2.7 cm
$\times 3.3 \mathrm{~cm}$

- 4.5 cm

Section: English Comprehension
Q. 1 Select the most appropriate meaning of the given idiom. Fit as a fiddle

Ans
X 1. To be extremely excited and energetic
2. To be in good health
3. Something is perfect
4. A good and useful invention
Q. 2 Select the most appropriate meaning of the underlined word. She has become a familiar figure in the world of politics.

Ans

1. Known
2. Legend
3. Elevated
4. Fancy
Q. 3 Select the most appropriate ANTONYM of the given word. Authentic
Ans
X 1. Genuine
5. Fake
6. Basic
7. Different
Q. 4 Select the most appropriate ANTONYM of the given word. Inquisitive

Ans

1. Innocent
2. Indifferent
3. Curious
4. Studious

Question ID : 264330165247
Option 1 ID : 264330648088
Option 2 ID : 264330648090
Option 3 ID : 264330648087
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 8 0 8 9}$
Status : Not Answered
Chosen Option:--
Q. 5 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
It is important to see school holistically, it is not a set of atomic items of rooms, library, assembly halls, canteen and playgrounds; it is all of these but in symbiotic relationship with each other, the contors of which are often far too obvious and often simply mysterious.
Ans
X 1. mysterious
X 2. symbiotic

- 3. contors

X 4. holistically
Q. 6 The following sentence has been split into four segments. Identify the segment that contains an error.

Will Ramya / had completed / that work / by $2025 ?$
Ans
X 1. by 2025
2. that work
3. had completed
4. Will Ramya
Q. 7 Select the most appropriate meaning of the given idiom.

Apple of discord
Ans

1. Practical
2. Distant love
3. Bone of contention
4. Centre of attraction

Question ID : 264330141095
Option 1 ID : 264330552730
Option 2 ID : 264330552729
Option 3 ID : 264330552727
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 5 2 7 2 8}$
Status: Answered
Chosen Option : $\mathbf{3}$
Q. 8 Fill in the blank by selecting the meaningful and correctly spelt word from the given options.

They knew that the stock of the food was getting reduced and the fund $\qquad$ for that was not enough for the next week.

Ans
X 1. asserted
2. allotted
3. alerted
4. abandoned
Q. 9 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required' The unexpected turn beside the project put the company in a big financial crisis.
Ans

1. in the project

X 2. until the project
X 3. No substitution required
4. between the project
Q. 10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
We all should respect each other.
Ans
X 1. every other
< 2. all other
3. one another
4. all of us

Question ID : 26433084644
Option 1 ID : 264330332346
Option 2 ID : 264330332347
Option 3 ID : 264330332345
Option 4 ID : 264330332348
Status: Answered
Q. 11 Select the most appropriate one-word substitution of the given group of words.

A form of government in which the supreme power is vested in the people and exercised by their elected agents under a free electoral system.

Ans

1. Democracy
2. Anarchy
3. Monarchy
4. Autocracy
Q. 12 Select the most appropriate meaning of the given idiom.

Come what may
Ans
X 1. To be among the latest
2. No matter what happens

X 3. To get frightened
4. Meeting someone
Q. 13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The decision to engage in an armed conflict is tacit.
Ans
X 1. incomprehensible for some
X 2. ineffective completely
X 3. regretted by everyone
4. implied without being stated
Q. 14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My elder brother / yesterday had took / my Facebook password.
Ans
X 1. my Facebook password
2. yesterday had took

X 3. My elder brother
X4. No error
Q. 15 Select the option that can be used as a one-word substitute for the given group of words.
To tell the nature of a disease by its symptoms.
Ans
X1. Design
2. Diagnosis
3. Decisive
4. Dosage
Q. 16 Select the most appropriate meaning of the given idiom.

Fit as a fiddle
Ans
X 1. At the last moment
$\times 2$. To ignore what someone is saying
X 3. To betray a close person
4. In good health

Question ID : 26433091831
Option 1 ID : 264330360662
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 6 0 6 6 3}$
Option 3 ID : 264330360664
Option 4 ID : 264330360661
Status: Answered
Chosen Option : 4
Q. 17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The students / are expected/to come / in the right time.
Ans

1. in the right time
2. The students
3. to come
4. are expected
Q. 18 Select the option that best expresses the meaning of the underlined idiom. Christy should discuss this with her face to face.

Ans

1. With another person in their presence rather than, say, by phone or letter
2. Come to fully accept or understand something
3. Remained normal and realistic
4. Almost always
Q. 19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The book narrated the athlete's prowess in a lucid manner.
Ans
$\times 1$. refined arguments
2. exceptional mastery

X 3. difficult situation
X 4. affluent days
Q. 20 Select the most appropriate meaning of the underlined word. She has no desire for money.
Ans
X 1 . Disgust
X 2. Despise
X 3. Care
4. Wish
Q. 21 Select the most appropriate meaning of the underlined phrase.

She can't make up her mind where to go for her summer vacation.
Ans

1. Decide between alternatives or come to a decision

X 2. Decide on a suitable parlour
X 3. Decide how to do her makeup
X 4. Engage her mind in creative activities

## Q. 22 Select the most appropriate ANTONYM of the underlined word.

He is so stingy that I have never seen him spending money on basic necessities.
Ans
$X 1$. Wicked
2. Extravagant
3. Obnoxious
4. Indecent
Q. 23 Select the option that can be used as a one-word substitute for the given group of words.
A book published after author's death.
Ans
X 1. Posthuman publication
2. Posthumous publication
3. Supernatural publication
4. Predecessor publication
Q. 24 Select the most appropriate synonym of the given word. Rehabilitate
Ans

1. Reinstall
2. Develop
3. Absolve
4. Decline
Q. 25 Select the most appropriate option that can substitute the underlined segment in the given sentence.
You can become confident to speak English within one year.
Ans
X 1. convinced to speaking
X 2. reassured of speaking
X 3. assured of speaking
5. confident in speaking
Q. 26 Select the option that can be used as a one-word substitute for the given group of words.

Centre of public attention
Ans

1. Ambiguity
2. Obscurity
3. Fuzziness
4. Limelight
Q. 27 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
We will / have been know the result / of the CAT exam by next week.
Ans
X 1. of the CAT exam by next week
X 2. We will
5. have been know the result
6. No error
Q. 28 Select the most appropriate meaning of the given idiom. Break a leg

Ans

1. To hurt someone
2. To avoid someone
3. To wish someone good luck

X 4. To love someone

Question ID : 264330117234
Option 1 ID : 264330460993
Option 2 ID : 264330460994
Option 3 ID : 264330460995
Option 4 ID : 264330460996
Q. 29 Select the most appropriate meaning of the given idiom. To hit the nail on the head

Ans

1. To hit something accurately
2. To be indecisive
3. To miss an opportunity
4. To express an idea with great precision
Q. 30 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Rajib's habit of sneering at the beliefs of others often hurts others' sentiments.
Ans
X 1. manipulation
2. cynicism

X 3. certainty
4. cleverness
Q. 31 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Politics and money go together in this country.
Ans

1. go arm in arm
2. go holding hands
3. go hand in hand
$X$
4. No substitution required
Q. 32 Select the most appropriate ANTONYM of the underlined word in the given sentence.

After losing his job and his home, he found himself destitute and living on the streets.
Ans
$\times 1$. glorious
2. disturbed
3. affluent
4. ridiculous
Q. 33 Select the most appropriate synonym of the highlighted word in the given sentence.

The plane crash was a harrowing experience for everyone involved.
Ans
X 1. Exterminate
2. Excruciating
3. Awesome
4. Sad
Q. 34 Identify the option that rectifies the spelling of the incorrectly spelt word in the given sentence.

Students should have a good vocabulary to write an essay efectively.
Ans
X 1. Gud
2. Effectively

X 3. Wriite
X 4. Voicabulary

Question ID : 26433089015
Option 1 ID : 264330349600
Option 2 ID : 264330349597
Option 3 ID : 264330349599
Option 4 ID : 264330349598
Status: Answered
Chosen Option: $\mathbf{2}$
Q. 35 Select the most appropriate synonym of the word 'factual' in the given sentence and choose the correct option.

The scientist's hypothesis was based on empirical evidence and rigorous experimentation.

Ans

1. Rigorous
2. Hypothesis
3. Evidence
4. Empirical
Q. 36 Select the INCORRECTLY spelt word in the given sentence.

It is beyond my cognative capacity to solve the mathematical problems.
Ans
X 1. problems
2. cognative
3. mathematical
4. capacity
Q. 37 Select the most appropriate option that can substitute the underlined word which has been incorrectly spelt.
Mrs. Lal taught me English gramar.
Ans

1. grammar
2. gramarr
3. gramerr
4. gramer
Q. 38 Select the most appropriate meaning of the underlined idiom. Sanchit stands by his friends through thick and thin .
Ans
X 1. In winter and summer
X 2. In favourable situations
X 3. In crowded areas
5. Under all circumstances
Q. 39 Select the option that can be used as a one-word substitute for the given phrase.

One who goes from place to place, begging
Ans
X 1. Misogamist
X 2. Malleable
X 3. Meticulous
2. Mendicant

## Q. 40 Select the most appropriate synonym of the given word.

## Reminiscence

Ans

1. Harsh
2. Remembrance
3. Benevolence
4. Oblivion

Question ID : 264330163372
Option 1 ID : 264330640776
Option 2 ID : 264330640778
Option 3 ID : 264330640775
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 7 7}$
Status: Not Answered Chosen Option : --

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all
swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill.
Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

SubQuestion No : 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans
X 1. belonged
X 2. belonging
3. belong
$\times 4$. belongs

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill. Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans
X 1. were known
$\times 2$. have knowing
X 3. had know
4. are known

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill. Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

SubQuestion No: 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans
$X 1$. finite
X 2. similar
X 3. popular
4. distinctive

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill.
Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank number 4.

Ans
X 1. Consequently
X 2. Because
X 3. Formerly
4. However

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) ___ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill.
Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.
SubQuestion No: 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans

1. for example
$X 2$. of course
X 3. after all
X4. in addition

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 46
Q. 46 Which is the best description of the tone of the passage?

Ans
X 1 . Technical
X 2. Sarcastic
X 3. Dogmatic
4. Humanistic

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Question ID : 264330164714
Option 1 ID : 264330646009
Option 2 ID : \(\mathbf{2 6 4 3 3 0 6 4 6 0 0 8}\)
Option 3 ID : 264330646010
Option 4 ID : 264330646007
Status: Answered
Chosen Option : 4
```


## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

## SubQuestion No : 47

Q. 47 Which of the following most accurately states the central idea of the passage?

Ans
X 1. United Nations
2. Pollution free planet

X 3. Population explosion
X4. Economic growth

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 48
Q. 48 Which of the following represents the structure of the passage?

Ans
$X$ 1. Definition
2. Cause-effect
$X$ 3. Critique
X 4. Chronology
Question ID: $\mathbf{2 6 4 3 3 0 1 6 4 7 1 6}$
Option 1 ID : 264330646016
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 4 6 0 1 5}$
Option 3 ID: $\mathbf{2 6 4 3 3 0 6 4 6 0 1 8}$
Option 4 ID: $\mathbf{2 6 4 3 3 0 6 4 6 0 1 7}$
Status : Answered
hosen Option: $\mathbf{2}$

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No : 49
Q. 49 What is the ANTONYM for the word 'pervasive' from the passage?

Ans
$X$ 1. Clear
X 2. Emotional
3. Limited

X4. Offensive

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 50
Q. 50 What is the ANTONYM for the word 'priority' from the passage?

Ans
X 1. Factor
2. Last

X 3. Part
X 4. Task

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number | Www. |
| :--- | :--- |
| Candidate Name | Www. |
| Venue Name | Shiva Infotech |
| Exam Date | 05/10/2023 |
| Exam Time | 12:30 PM - 2:30 PM |
| Subject | SICPO Paper I 2023 |

Section: General Intelligence and Reasoning
Q. 1 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans

2.

$\times 3$.

$\times 4$

Q. 2 Two statements are given followed by Three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All knives are guns.
Some bullets are knives.
Conclusions:
I. Some guns are bullets.
II. No bullet is a gun.
III. Some guns are knives.

Ans $\quad$ 1. Both conclusions II and III follow.
2. Both conclusions I and III follow.

X 3. Conclusions I, II and III follow.
X 4. Both conclusions I and II follow.
Q. 3 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Channel
2. Chariot
3. Charcoal
4. Chapel
5. Chamber
6. Chance

Ans

1. $5,6,1,4,3,2$

X 2. 5, 1, 6, 4, 3, 2
X 3.5,1,6,4, 2, 3
4.5, 6, 1, 4, 2, 3
Q. 4 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Sermonize
2.Serious
3.Servant
4.Session
5.Serrated

Ans
X 1.3,1,5,2, 4
$\times 2,2,3,5,1,4$
X 3.3,2,5,1,4
4. $2,1,5,3,4$
Q. 5 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Pamper: Gratify :: Devour:?
Ans
X 1. Build
2. Ravage

X 3. Receive
4. Abstain
Q. 6 In a certain code language, 'CANADA' is written as 'XZMZWZ' and 'AFRICA' is written as 'ZUIRXZ'. How will 'DEPRESSION' be written in that language?
Ans $\times 1$. XVKIVGGPLM
2. WVKIVHHRLM

X 3. XVKIVGGRLM
4. WVKIVGGPLM

Question ID : 26433079051
Option 1 ID : 264330310211
Option 2 ID : 264330310208
Option 3 ID : 264330310209
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 1 0 2 1 0}$ Status: Answered

Chosen Option : 2
Q. 7 Which letter-cluster will replace the question mark (?) to complete the given series? FMQX, DJSA, ?, ZDWG, XAYJ
Ans

- 1. BFUC

2. BGDU
3. BGUD
4. BEDF
Q. 8 Which of the following letters will replace the question mark (?) in the given series?

B, D, G, K, P, ?
Ans
1.V
2. R
3. Q
4. S

Question ID : 264330106618
Option 1 ID : 264330418773
Option 2 ID : 264330418774
Option 3 ID : 264330418775
Option 4 ID : 264330418776
Status: Answered
Q. 9 Amsterdam is located to the South of Barcelona. Munich is to the West of Amsterdam. Detroit is to the East of Munich. Toronto is to the South of Detroit and to the SouthEast of Barcelona. What is the position of Amsterdam with respect to Detroit? (All positions are arranged in GRID pattern)
Ans

1. West
2. North
3. South
4. East
Q. 10 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
98:115:: 74: ? :: 67 : 84
Ans
5. 85
6. 91
7. 95
8. 80
Q. 11 Six students $P, Q, R, S, T$ and $U$ are sitting around a circular table facing the centre. $R$ is an immediate neighbour of both $T$ and $U$. $P$ is sitting third to the right of $U . Q$ is sitting to the immediate left of $S$. $S$ is sitting second to the right of $P$. Who is the immediate neigbour of both $R$ and $S$ ?

Ans
<1. ${ }^{1}$
X2. Q
3. U
4. P
Q. 12 A @ $B$ means ' $A$ is the husband of $B$ '
$A \& B$ means ' $A$ is the mother of $B$ '
A \# B means ' $A$ is the daughter of $B$ '
If J \# L @ Y \& K @ Z, then how is J related to Z?
Ans

1. Brother's wife
2. Sister's husband
3. Husband's sister
4. Mother

Question ID : 264330126026
Option 1 ID : 264330493779
Option 2 ID : 264330493778
Option 3 ID : 264330493776
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 9 3 7 7 7}$ Status : Not Answered
Q. 13 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans
$\times 1$

$\times 2$

3.

$\times 4$

Q. 14 If '+' means ' - ', '-' means ' $\div$ ', ' $\div$ ' means ' $x$ ' and ' $x$ ' means ' + ', then what will come in place of the (?) in the following equation?
$300-2+50 \times 3 \div 2=$ ?
Ans
$\times 1.23$
2. 106

X 3.61
$\times 4.661$
Q. 15 In a certain code language, 'BAKED' is written as 'CCNII' and 'COOK' is written as 'DQRO'. How will 'EATING' be written in that language?

Ans

1. FDVMRM
2. FCWMTM
3. GDXNTN
4. FCWMSM

Question ID : 26433070266
Option 1 ID : 264330275541
Option 2 ID : 264330275543
Option 3 ID : 264330275542
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 7 5 5 4 0}$ Status: Answered
Q. 16 Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.
7:40:: ? : 667 :: 39 : 1512
Ans
X 1.34
2. 25
3.47
4. 26
Q. 17 Select the option figure that is embedded in the given figure as its part (rotation is NOT allowed)

Ans
$\times 1$

$\times 2$


- 3. 


Q. 18 Select the correct mirror image of the given figure when the mirror is placed at line $M N$ as shown.


Ans
$\times 1$

$\times 2$.

$\times 3$.


- 4. 


Q. 19 ' $A$ \# $B$ ' means ' $A$ is the brother of $B$ '.
' $A$ * $B$ ' means ' $A$ is the wife of $B$ '.
' $A \$ B$ ' means ' $A$ is the daughter of $B$ '.
' $A=B$ ' means ' $A$ is the father of $B$ '.
If $P^{*} V$ \# $D \$ B=Z$, then how is $B$ related to $P$ ?
Ans
X 1. Wife
X 2. Husband
3. Husband's father

X4. Brother
Q. 20 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(6,15,1)$
$(5,6,3)$
Ans $\times 1 .(12,46,5)$
X $2 .(7,42,5)$
X 3. $(5,32,7)$

- 4. $(15,21,8)$
Q. 21 In a certain code language, 'RING' is coded as 64 and 'WATCH' is coded as 125. How will 'BRACELET' be coded in the same language?
Ans

1. 512
2. 504
3. 478
4. 343
Q. 22 In a certain code language, 'CHALK' is coded as 6-16-2-24-22 and 'BOARD' is coded as 4-30-2-36-8. How will 'PAPER' be coded in the same language?

Ans

1. 32-2-32-12-36
2. 32-2-32-10-36
3. 36-2-36-12-32
4. 36-2-36-10-32
Q. 23 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All actors are singers.
Some musicians are dancers.
Conclusion:
I)All dancers are musicians.
II)Some singers are actors.

Ans
X 1. Neither Conclusion I nor II follows.
2. Only Conclusion II follows.

X 3. Both Conclusions I and II follow.
X 4. Only Conclusion I follows
Q. 24 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.


Ans

$\times 2$.

$\times 3$.

$\times 4$.

Q. 256 friends are sitting around a circular table. Vini, Urja and Tanvi are sitting facing the centre and two out of Abhay, Bala and Chan are not sitting facing the centre. Vini is sitting second to the left of Chan. Urja is sitting second to the right of Abhay. Bala is sitting third to the left of Tanvi. Chan is sitting second to the right of Tanvi. Abhay is sitting next to Vini.
Who is sitting fourth to the right of Chan?
Ans
X 1. Tanvi
X 2. Urja
3. Vini

X4. Bala
Q. 26

If P denotes ' $\times$ ', Q denotes ' $\div$ ', R denotes ' + ', and S denotes ' - ', then what will come in place of '?' in the following equation?
$\sqrt{256}$ P 3 S 66 Q 11 P 5 R $43=$ ?

Ans

1. 72
< 2.58
2. 61
3. 69
Q. 27 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


Ans

$\times 2$.

$\times 3$.

$\times 4$

Q. 28 In a certain code language, ' $B A B Y$ ' is coded as ' 29 ' and ' $G E N D E R$ ' is coded as ' 52 '. How will 'CRIPPLE' be coded in that language?

Ans
$\times 1.74$
2. 84

- 3.78
$\times 4.88$
Q. 29 Which of the following numbers will replace the question mark (?) in the given series? 98, 126, 165, 216, 280, ?

Ans
< 1.344
2. 358
3. 356
4. 348
Q. 30 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans
X 1. NPOQ
2. XZYA
3. QSRT
4. PKQJ

Question ID : 264330180758
Option 1 ID : 264330709002
Option 2 ID : 264330709000
Option 3 ID : 264330708999
Option 4 ID : 264330709001
Q. 31 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.

Ans

1. AZBY
2. ZUYV
3. FAEB
4. UPTQ
Q. 32 If ' + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$137 \div 80 \times 5-4+34=$ ?
Ans
5. 167
$\times 2.235$
X 3.184
6. 141
Q. 33 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?


Ans

$\times 2$.

$\times 3$.


Q. 34 If '+' means ' $\times$ ', ' $x$ ' means ' - ', '-' means ' $\div$ ' and ' $\div$ ' means ' + ', then what will come in place of the (?) in the following equation?
$150-5+3 \div 23 \times 3=$ ?
Ans
$\times 1.145$
$\times 2.111$
X 3.155
4. 110

Question ID : 264330114252
Option 1 ID : 264330449093
Option 2 ID : 264330449096
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 4 9 0 9 5}$
Option 4 ID : 264330449094
Status: Answered
Chosen Option: 4
Q. 35 Which of the following terms will replace the question mark (?) in the given series? EQUE ? GOWC HNXB IMYA

Ans
X 1. FDVD
X 2. FIVD
3. FPVD

X4.FEVD
Q. 36

Select the figure that will come next in the following figure series.

|  |  | $?$ |
| :--- | :--- | :--- |

Ans

$\times 2$


- 3. 


$\times 4$.

Q. 37 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All cardiologists are doctors.
Some cardiologists are neurologists.
Conclusions:
I) Some doctors are cardiologists.
II) Some doctors are neurologists.

Ans

1. Both Conclusions I and II follow.
2. Neither Conclusion I nor II follows.

X 3. Only Conclusion I follows.
X 4. Only Conclusion II follows
 place of (?) in the given equation?
$5 \div 2-20+5 \times 2=?$
Ans

1. 12
2. 15
$\times 3.20$
(4. 10

Question ID : 264330145292
Option 1 ID : 264330569424
Option 2 ID : 264330569423
Option 3 ID : 264330569426
Option 4 ID : 264330569425 Status: Answered
Chosen Option : 1
Q. 39 Which of the following numbers will replace the question mark (?) in the given series?
$96,12, \frac{3}{2}, ?, \frac{3}{128}$
Ans

1. $\frac{3}{12}$
2. $\frac{1}{128}$
3. $\frac{3}{64}$
-4. $\frac{3}{16}$
Q. 40

A paper is folded and cut as shown. How will it appear when unfolded?


Ans



$\times 4$

Q. 41 Which of the following numbers will replace the question mark (?) in the given series?
$18,6,2, ?, \frac{2}{9}$
Ans
$\times 1 . \frac{1}{3}$
$\times 2 . \frac{1}{9}$
-3. $\frac{2}{3}$
$\times 4.1$
Q.42 A paper is folded and cut as shown. How will it appear when unfolded?


Ans
$\times 1$.

$\checkmark 2$.


$\times 3$.

$\times 4$.

Q. 43 Param drives 8 km towards north from point A. He takes a right turn and drives 8 km . Again he takes a right turn and drives 4 km . Finally, he takes a right turn and drives 8 km to reach point B. How far and towards which direction should he drive in order to reach point A again?
Ans
X 1.5 km towards north

* 2.4 km towards south

X 3.6 km towards east
X. 3 km towards west
Q. 44 Select the figure that will replace the question mark (?) in the following figure series.

| $\square$ |  | $\nabla$ | $\diamond$ | $\Delta$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\diamond$ | 0 | $\Delta$ | $\Delta$ | $\square$ | 0 | 0 |
| $\nabla$ | $\nabla$ | $\square$ | $\square$ | $\diamond$ | $\nabla$ | ? |
| $\nabla$ |  | $\diamond$ | $\Delta$ |  | 0 |  |

Ans

$\times 2$.

$\times 3$.

$\times 4$.

Q. 45 Three Statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

All elephants are fishes.
No fish is a tiger.
Some deer are elephants.

## Conclusions:

I. Some fishes are deer.
II. No elephant is a deer.
III. Some tigers are fishes.

Ans $\times 1$. Both conclusions I and III follow.
2. Only conclusion II follows.
3. Both conclusions I and II follow.
4. Only conclusion I follows.
Q. 46 If A denotes ' + ', $B$ denotes ' $\times$ ', C denotes ' - ', and $D$ denotes ‘ $\div$ ', then what will be the value of the following expression?

17 B 3 A 14 D 7 C $5=$ ?
Ans

1. 48
$\times 2.38$
$\times 3.29$
$\times 4.57$

Question ID : 26433085381
Option 1 ID : 264330335228
Option 2 ID : 264330335226
Option 3 ID : 264330335227
Option 4 ID : 264330335225
Status: Answered
Q. 47 Which number will replace the question mark (?) in the following series?

28, 30, ?, 188, 754, 3772
Ans
X1.120
2. 62
(3. 60
4. 122
Q. 48 Which of the following interchange of numbers (not digit) would make the given equation correct?
$16 \times 5 \div 20+6+50=40$
Ans

1. 40,50
2. 6, 40
3. 20, 40
4.5,40
Q. 49 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(12,14,38)$
$(6,23,35)$
Ans
X 1. $(8,10,24)$
X 2. $(19,9,38)$
4. $(16,11,43)$

X4. $(4,5,20)$
Q. 50 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Pencil : Lead :: Pen : ?
Ans
X 1. Black
X 2. Gas
3. Ink

X 4. Water

Section: General Knowledge and General Awareness
Q. 1 The Delhi sultan, who succumbed to injuries as a result of his fall from horse was
$\qquad$
Ans

1. Iltutmish
2. Balban
3. Behram Shah
4. Qutubuddin Aibak
Q. 2 M Balamuralikrishna is associated with which form of music?

Ans
X 1. Folk music
2. Carnatic Sangeet

X 3. Haveli Sangeet
4. Hindustani Sangeet
Q. 3 Who among the following had written 'The Dark Room' that presents an Indian woman in stiff opposition to male domination?
Ans

1. Kuldip Nayyar
2. RK Narayan

X 3. Kazi Nazrul Islam
4. Mulk Raj Anand

Question ID : 264330145181
Option 1 ID : 264330568980
Option 2 ID : $\mathbf{2 6 4 3 3 0 5 6 8 9 8 2}$
Option 3 ID : 264330568979
Option 4 ID : 264330568981
Status: Answered
Chosen Option : 2
Q. 4 Which of the following is responsible for attending to disputes concerning recruitment and conditions of service of public personnel at the Centre?
Ans

1. Joint Administrative Tribunal
2. The Settlement and Appellate Tribunal
3. The Competition Appellate Tribunal
4. Central Administrative Tribunal

## Q. 5 What is the length of a bacterial cell?

Ans

1. 3 to $5 \mu \mathrm{~m}$
2. 1 to $40 \mu \mathrm{~m}$
3. 30 to $50 \mu \mathrm{~m}$

C 4.0 to $3 \mu \mathrm{~m}$
Q. 6 According to National Statistical Office (NSO) data, India's average literacy rate in 2021
was $\qquad$ -

Ans
X 1. 78.71\%
2. $76.70 \%$
3. $77.70 \%$
4. 70.50\%
Q. 7 Which of the following can degrade detritus into simpler inorganic substances?

Ans
X 1. Lichens
2. Fungal enzymes
3. Algae
4. Phytoplankton
Q. 8 The food component present in sugar is:

Ans
$\times 1$. protein
2. vitamins
3. carbohydrates

X4. fats
Q. 9 Which of the following states has the lowest literacy rate in India according to census 2011?
Ans

1. Bihar

X 2. Andhra Pradesh
X 3. Odisha
X 4. Haryana
Q. 10 In test match cricket, how many minimum overs can a team play in a day?

Ans
$\times 1.80$
2. 20
$\times 3.70$
4. 60

Question ID : 264330118907
Option 1 ID : 264330466285
Option 2 ID : 264330466286
Option 3 ID : 264330466284
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 6 6 2 8 3}$ Status : Answered

Chosen Option : 2
Q. 11 In a basketball game, how many players from one team play on the court at any given time?
Ans
1.5
2.6
3.4
4. 7

Question ID : 264330109853
Option 1 ID : 264330431689
Option 2 ID : 264330431692
Option 3 ID : 264330431691
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 3 1 6 9 0}$
Status: Answered
Chosen Option: 1
Q. 12 Which of the following places experiences extreme cold in winter and pleasant weather in summer?
Ans

1. Amritsar
2. Leh

X 3. Chennai
4. New Delhi
Q. 13 French possessions in India were restored after the Battle of Wandiwash by the Treaty of $\qquad$ signed in the year 1763 between Britain and France.
Ans

1. Paris
2. Surat

X 3. Tordesillas
X4. Purandar
Q. 14 When did Heinrich Hertz discover the photoelectric effect and observe that shining ultraviolet light on the electrodes caused a change in voltage between them?

Ans
$\times 1.1916$
2. 1902
3. 1990
4. 1887

Question ID : 264330141667
Option 1 ID : 264330554990
Option 2 ID : 264330554989
Option 3 ID : 264330554988
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 5 4 9 8 7}$
Status : Not Answered
Chosen Option : --
Q. 15 Which of the following statements is correct?

Ans
X 1. Zinc oxide is a form of rust.
X 2. Copper can also turn into rust upon hydration.
2. Chemically rust is hydrated ferric oxide.
4. Chemically rust is non-hydrated ferric oxide.
Q. 16 Ugadi is a $\qquad$ New Year celebrated in the month of March.

Ans
( 1. Marathi
2. Bengali
3. Telugu

X4. Punjabi

Question ID : 26433054141
Option 1 ID : 264330211549
Option 2 ID : 264330211551
Option 3 ID : 264330211550
Option 4 ID : 264330211548

Chosen Option : 4
Q. 17 Ustad Asad Ali Khan is famous for which of the following schools of Dhrupad as an instrumentalist?

Ans

1. Gauri
2. Dagar
3. Nauhar
4. Khandarbani
Q. 18 The drainage system formed when rivers discharge their waters from all directions in a lake or depression, as in the case of Loktak Lake in Manipur, is called $\qquad$ —.

Ans

1. centripetal
2. radial
3. trellis
4. dendritic

Question ID : 264330119650
Option 1 ID : 264330468878
Option 2 ID : 264330468876
Option 3 ID : 264330468877
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 6 8 8 7 5}$
Status : Not Answered
Chosen Option :--
Q. 19 Which report is NOT associated with Fundamental Rights?

Ans
X 1. Tej Bahadur Sapru Report
2. Sarkaria Commission Report

X 3. JB Kripalani Report
4. Motilal Nehru Report
Q. 20 The preferred IUPAC name of Allyl bromide is:

Ans

1. 3-Bromopropene
2. 3-Bromobutene
3. 2-Bromopropene
4. 1-Bromopantene

Question ID : 264330111869
Option 1 ID : 264330439563
Option 2 ID : 264330439562
Option 3 ID : 264330439561
Option 4 ID : 264330439564
Q. 21 Kanaka Raju has been awarded Padma Shri in 2021 for which of the following folk dances?

Ans

1. Gussadi
2. Ganagor
3. Bhavai
4. Fugdi
Q. 22 Articles 36 to 51 of the Indian Constitution deal with $\qquad$ _.
Ans
5. fundamental rights
6. fundamental duties
7. directive principles of state policy
8. preamble of Indian constitution

Question ID : 264330111528
Option 1 ID : 264330438198
Option 2 ID : 264330438199
Option 3 ID : 264330438200
Option 4 ID : 264330438197 Status: Answered

Chosen Option: 3
Q. 23 Calculate the GDP at factor cost given in the following data.

GDP at market price $=600$ crores
Consumption of fixed capital $=100$ crores
Indirect taxes = 200 crores
Subsidies $=50$ crores
Ans
$\times 1.350$ crores
X 2. 850 crores
X 3.950 crores

- 4.450 crores
Q. 24 Which of the following was the major export item from India in 2021?

Ans
X1. Automobiles
2. Jewellery
3. Petroleum products
4. Pharmaceuticals
Q. 25 Tomb of Iltutmish was built in which year?

Ans
X1. 1388 AD
X2. 1458 AD

- 3. 1235 AD

X4.1199 AD

Question ID : 264330164849
Option 1 ID : 264330646524
Option 2 ID : 264330646525
Option 3 ID : 264330646526
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 6 5 2 3}$ Status : Answered

Chosen Option : 3
Q. 26 Which of the following events took place in 1398?

Ans

1. Humayun's flight to Persia
2. Timur invasion of india
3. Babur's invasion of Delhi
4. Battle of Haldighati

Question ID : 26433091457
Option 1 ID : 264330359195
Option 2 ID : 264330359194
Option 3 ID : 264330359193
Option 4 ID : 264330359196 Status: Not Answered
Chosen Option: --
Q. 27 After how many days of absence from Parliament without permission will a Member of Parliament be disqualified?

Ans

1. 30 days
2. 50 days
3. 20 days
4. 60 days
Q. 28 Which of the following statements is INCORRECT with regard to the Green Revolution?

Ans

1. It was funded by international agencies
2. It was introduced in areas that were rain-fed.
3. It was targeted mainly at the wheat and rice-growing areas.
4. It was a government programme of agricultural modernisation.

Question ID : 264330168859
Option 1 ID : 264330662248
Option 2 ID : 264330662249
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 6 2 2 5 0}$
Option 4 ID : 264330662247
Status : Not Answered
Q. 29 The Fundamental Rights in the Indian Constitution are inspired by the 'Bill of Rights' of which of the following countries?

Ans

1. Australia
2. Japan
3. The USSR
4. The USA

Question ID : 264330113390
Option 1 ID : 264330445645
Option 2 ID : 264330445648
Option 3 ID : 264330445646
Option 4 ID : 264330445647 Status: Answered
Q. 30 Who succeeded Alivardi Khan as Nawab of Bengal?

Ans
X 1. Mir Jaffar
2. Siraj-ud-Daulah
3. Mir Kasim
4. Shaukat Jang

Question ID : 264330112183
Option 1 ID : 264330440818
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 4 0 8 2 0}$
Option 3 ID : 264330440817
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 4 0 8 1 9}$ Status : Not Answered
Chosen Option: --
Q. 31 Identify the correct statement about gravity.

Ans

1. The unit of $g$ is the same as that of velocity.
2. The unit of g is the same as that of friction.
3. The unit of g is the same as that of mass.
4. The unit of g is the same as that of acceleration.
Q. 32 Which of the following sets of statements are correct about Inter Tropical Convergence Zone (ITCZ)?
a. The ITCZ is a broad trough of low pressure in equatorial latitudes.
b. This is where the northeast and the southeast trade winds converge.
c. The ITCZ is the equatorial trough normally positioned about $5^{\circ} \mathrm{N}$ of the equator and remain there throughout the year.
d. The ITCZ moves over to the plane of Ganga in Summer.

Ans

1. a, b and c
2. Only a and c
3. a, b and d
4. Only b and c
Q. 33 'Wings of Fire' is the autobiography of $\qquad$ -
Ans
5. Zakir Husain
6. Rajendra Prasad
7. APJ Abdul Kalam

X 4. KR Narayanan

Question ID : 26433071673
Option 1 ID : 264330281117
Option 2 ID : 264330281119
Option 3 ID : 264330281118
Option 4 ID : 264330281116
Q. 34 The Harshacharita is written in Sanskrit by $\qquad$ -.

Ans

1. Harisena
2. Banabhatta
3. Harshavardhana
4. Nagasena
Q. 35 Which of the following policy measures is NOT a step towards liberalisation?

Ans $\times 1$. Increase in equity limit of foreign investment
2. Enhancement in tariffs

Х 3. Removal of industrial licensing for certain industries
4. Removal of requirement of registration for certain industries
Q. 36 The Madhya Pradesh government conferred the Dhananjayans, a celebrated couple from Chennai, with the prestigious Rashtriya Kalidas Samman for 2019-2020

Ans
$\times 1$. Sattriya
X 2. Kathakali
X 3. Kuchipudi
4. Bharatanatyam
Q. 37 The $\qquad$ Five-Year Plan was the first plan to focus on gender issues, women empowerment and the growing inequalities amongst the states and interregional disparities.
Ans
X 1. Sixth
2. Third
3. Fourth
4. Fifth
Q. 38 Who was the Lieutenant Governor of Jammu and Kashmir in October 2022?

Ans
X 1. Satya Pal Malik
2. Girish Chandra Murmu
3. Manoj Sinha
4. NN Vohra

Question ID : 264330113441
Option 1 ID : 264330445852
Option 2 ID : 264330445849
Option 3 ID : 264330445851
Option 4 ID : 264330445850 Status : Answered

Chosen Option : 3
Q. 39 Which of the following is a source of tax revenue?

Ans
< 1. Penalties
2. Customs
3. Profits
4. Grants

Question ID : 264330145239
Option 1 ID : 264330569213
Option 2 ID : 264330569214
Option 3 ID : 264330569211
Option 4 ID : 264330569212
Q. 40 $\qquad$ are NOT considered surface water.
Ans
X1. Oceans
2. Lakes
3. Rivers
4. Aquifers
Q.41 Bharatanatyam is traditionally performed to which type of music?

Ans

1. Carnatic
2. Baul
3. Hindustani
4. Lavani

Option 1 ID : 264330362838
Option 2 ID : 264330362839
Option 3 ID : 264330362837
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 6 2 8 4 0}$
Status : Not Answered
Q. 42 Cricket became an international game with the formation of the Imperial Cricket Conference (ICC) in the year $\qquad$ —.
Ans

1. 1947
2. 1951
3. 1909
4. 1921

Question ID : 26433055190
Option 1 ID : 264330215747
Option 2 ID : 264330215745
Option 3 ID : 264330215744
Option 4 ID : 264330215746
Q. 43 $\qquad$ is characterized by abundant dissolved oxygen, sunlight, nutrients, generally high wave energies and water motion, and, in the intertidal subzone, alternating submergence and exposure.

Ans
X 1. The Lentic Zone
X 2. The Limnetic Zone
3. The Littoral Zone
$\times$ 4. The Benthic Zone

Question ID : 26433064210
Option 1 ID : 264330251433
Option 2 ID : 264330251434
Option 3 ID : 264330251432
Option 4 ID : 264330251435
Status : Not Answered
Chosen Option: --
Q. 44 The first Indian who won a medal in World Athletics Championship is $\qquad$ -.
Ans
Х 1. Neeraj Chopra
2. Anju Bobby George

X 3. Murali Sreeshankar
X4. Annu Rani

Question ID : 264330109687
Option 1 ID : 264330431026
Option 2 ID : 264330431025
Option 3 ID : 264330431027
Option 4 ID : 264330431028
Q. 45 Which ecosystem is the only one that does NOT thrive on solar energy?

Ans
X 1. Marine organisms
2. Phytoplanktons
3. Deep sea hydro-thermal ecosystem
4. Nitrogen fixing bacteria
Q. 46 Nauroz is celebrated by which of the following communities in India?

Ans $\times 1$. Buddhist
X 2. Jain
X 3. Sikh
4. Parsi

Question ID : 264330164803
Option 1 ID : 264330646342
Option 2 ID : 264330646341
Option 3 ID : 264330646339
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 6 3 4 0}$ Status : Not Answered

Chosen Option : --
Q. 47 Match the columns.

Seaport

1. Tuticorin Port
2. Haldia Port
3. Mangalore Port
4. 1-b, 2-a, 3-c
5. 1-a, 2-b, 3-c
6. 1-c, 2-a, 3-b
7. 1-c, 2-b, 3-a

## State

a. West Bengal
b. Tamil Nadu
c. Karnataka

Ans

Question ID : 264330132721
Option 1 ID : 264330519980
Option 2 ID : 264330519979
Option 3 ID : 264330519981
Option 4 ID : 264330519982
Q.48 Aluna Kabuini is associated with which of the following dances?

Ans
X 1. Mohiniyattam
2. Kathak
3. Manipuri
4. Sattriya
Q. 49 Identify the INCORRECT statement for the universal law of gravitation.

Ans

1. It is the force that binds us to earth
2. It is the force causing tides due to the stars and earth

X 3. It is the forces that assists motion of the moon around earth
4. It is the force keeps motion of planets around the Sun
Q. 50 In the Interim Government formed on 2 September 1946, Liaquat Ali Khan was given the charge of:
Ans

1. the Home Ministry
2. the Finance Ministry
3. the External Affairs Ministry
4. the Defence Ministry

[^5]Q. 1 Study the following pie chart and answer the below question:
Total estimated yearly expenses:
$\mathbf{3 0 0 0 0 0}$
wifooditems wivavel weducation went msavings wothers
$20 \%$
$10 \%$

How much per cent is more expense on rent than the expense on others?
Ans
X1.10\%
X2.150\%
X $3.50 \%$
4. $100 \%$
Q. 2 A person sold two cars for ₹ 60,000 each. On one, he gained $20 \%$ while on the other he lost $\mathbf{2 0 \%}$. Find the percentage of his gain or loss.
Ans
X 1. Gain 4\%
2. Loss 4\%

X 3 . Loss $2 \%$
4. No profit and no loss
Q. 3 The LCM of 96,132 and 438 is:

Ans
X1. 86084
$\times 2.67055$
3. 85046
4. 77088
Q. 4 Three candidates contested an election and won 1136, 7636 and 11628 votes, respectively. What percentage of the total votes did the winning candidate get?

Ans

1. 45
(2. 49
2. 33
3. 57

Question ID : 264330145050
Option 1 ID : 264330568457
Option 2 ID : 264330568456
Option 3 ID : 264330568458
Option 4 ID : 264330568455
Status: Not Answered
Chosen Option : --
Q. 5 Ram has 12 hens and 5 cows, Shyam has 18 hens and 9 cows, Preetham has 4 hens and 8 cows, and Vinay has 10 hens and 7 cows. Who has a greater ratio of hens to cows?

Ans
X 1. Preetham
X 2 . Shyam
3. Ram
4. Vinay

Question ID : 264330104253
Option 1 ID : 264330409316
Option 2 ID : 264330409313
Option 3 ID : 264330409314
Option 4 ID : 264330409315
Status: Answered
Chosen Option : 3
Q. 6 A sphere and another solid hemisphere have the same surface area. The ratio of their volumes is:
Ans
$x$ 1. $2 \sqrt{3}: 8$
2. $3 \sqrt{3}: 8$
3. $3 \sqrt{3}: 4$
4. $\sqrt{3}: 4$
Q. 7 The curved surface area of a solid cylinder of height 15 cm is $660 \mathrm{~cm}^{2}$. What is the volume (in $\mathrm{cm}^{3}$ ) of the cylinder? (Take $\pi=\frac{22}{7}$ )

Ans

1. 2060
2. 2540
3. 2310
4.3210
Q. 8 The total surface area of a cone whose radius is 3 cm and height is 4 cm is:

Ans

1. $\frac{425}{7} \mathrm{~cm}^{2}$
2. $\frac{501}{9} \mathrm{~cm}^{2}$
3. $\frac{475}{8} \mathrm{~cm}^{2}$
4. $\frac{528}{7} \mathrm{~cm}^{2}$
Q. 9 Julie and Soma start from the same point and walk in opposite directions. Julie walks $4 \mathrm{~km} / \mathrm{h}$ faster than Soma. After 4 hours they are 40 km apart. How fast did each walk?
Ans
Х1. Julie - 8 km/h; Soma $-4 \mathrm{~km} / \mathrm{h}$
5. Julie -7 km/h; Soma - 3 km/h

X 3. Julie - $9 \mathrm{~km} / \mathrm{h}$; Soma $-5 \mathrm{~km} / \mathrm{h}$
4. Julie - 10 km/h; Soma - 6 km/h
Q. 10 Arbind has 650 kg of wheat. A part of which he sells at 9\% profit and the rest at 19\% profit to get $15 \%$ profit on the whole. What is the quantity (in kg ) of wheat sold by Arbind at 9\% profit?
Ans

1. 260
$\times 2.195$
X 3.455
2. 390

Question ID: 264330108980
Option 1 ID : 264330428197
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 2 8 1 9 9}$
Option 3 ID : 264330428200
Option 4 ID : 264330428198
Status: Answered
Q. 11 What is the LCM of $0.15,0.18$ and 0.45 ?

Ans

- 1.0 .9

2. 0.09
3. 0.81
4. 0.6
Q. 12 A train of length 180 m takes 40 seconds to cross a tunnel of length 500 m . What is the speed of the train, in km/h?
Ans
$\times 1.71 .2$
5. 61.2
(3.80.5
6. 52.5
Q. 13

Find the value of $\frac{\sin ^{2} 39^{\circ}+\sin ^{2}\left(90^{\circ}-39^{\circ}\right)}{\cos ^{2} 35^{\circ}+\cos ^{2}\left(90^{\circ}-35^{\circ}\right)}+3 \tan 25^{\circ} \tan 75^{\circ}$ :
Ans
$\times 1.2$

- 2.4
$\times 3.3$

4. 1
Q. 14 Which of the following ratios is the greatest?

Ans
X1.2:5
X2.7:10
2.5:6

X4.1:3

Question ID : 264330145075
Option 1 ID : 264330568556
Option 2 ID : 264330568558
Option 3 ID : 264330568557
Option 4 ID : 264330568555
Q. 15 Find the LCM of 20, 30, 45 and 65.

Ans
X 1.2000

- 2.2340

X 3.2240
$\times 4.180$
Q. 16 The greatest possible length that can be used to measure exactly the lengths of $\mathbf{3} \mathbf{~ m ~} 15$ $\mathrm{cm}, 5 \mathrm{~m}$, and 6 m 85 cm is:
Ans
$\times 1.9 \mathrm{~cm}$
2. 11 cm
$\times 3.7 \mathrm{~cm}$
4.5 cm
Q. 17

If $\frac{x}{4 y}=\frac{3}{4}$, then the value of $\frac{2 x+3 y}{x-2 y}$ is:
Ans
$\times 1.7$
2.9
$\times 3.6$
$\times 4.8$
Q. 18 The difference between a discount of $30 \%$ on ₹5,000 and two successive discounts of $15 \%$ and $25 \%$ on the same amount is:
Ans
X 1 . ₹ 315.50
X 2. ₹350.50
3. ₹312.50

X4. ₹412.50
Q. 19 Two circles with centres $P$ and $Q$ of radii 6 cm and 4 cm , respectively, touch each other internally. If the perpendicular bisector of $P Q$ meets the bigger circle in $A$ and $B$, then the value of $A B$ is:

Ans
$\times 1 . \sqrt{5} \mathrm{~cm}$
2. $2 \sqrt{35} \mathrm{~cm}$
3. $\sqrt{35} \mathrm{~cm}$

X4. $2 \sqrt{5} \mathrm{~cm}$
Q. 20 The monthly income of an employee was ₹ 26,500 and his monthly expenditure was ₹22,000. Next year his income increased by $20 \%$ and his expenditure increased by $15 \%$. Find the percentage increase in his savings.

Ans
$\times 1.44 \frac{7}{9} \%$
×2. $44 \frac{8}{9} \%$
$\times 3.44 \frac{5}{9} \%$
4. $44 \frac{4}{9} \%$
Q. 21 Find the value of $\sin \left(50^{\circ}+A\right)-\cos \left(40^{\circ}-A\right)$.

Ans
<1.2

- 2.0

3. -1
-4. 1

Question ID : 264330157748
Option 1 ID : 264330618354
Option 2 ID : 264330618351
Option 3 ID : 264330618353
Option 4 ID : 264330618352
Status : Answered
Chosen Option : 2
Q. 22 A sum amounts to $₹ 7,656$ in 4 years and to $₹ 8,120$ in 5 years at a certain simple interest rate per cent per annum. The rate of interest is:

Ans
X $1.4 \%$
X 2. 3\%
3.7\%
4. $8 \%$
Q. 23

If $a-\frac{1}{a}=4$, then the value of $a+\frac{1}{a}$ is:
Ans

1. $5 \sqrt{5}$
2. $4 \sqrt{5}$
3. $2 \sqrt{5}$
4. $3 \sqrt{5}$
Q. 24 Vipin can do a piece of work in 2 days; Vaibhav can do the same work in 3 days and Chirag can do the same work in 6 days. If they start working together, how many days will they take to complete the work?
Ans
X1.3
5. 1
3.5
4.4

Question ID : 264330102374
Option 1 ID : 264330401963
Option 2 ID : 264330401964
Option 3 ID : 264330401961
Option 4 ID : 264330401962
Q. 25 Two successive discounts of $30 \%$ and $20 \%$ are equivalent to a single discount of:

Ans

1. $44 \%$
2. $52 \%$
3. $45 \%$
4. $50 \%$
Q. 26 The LCM of $x^{2}-8 x+15$ and $x^{2}-5 x+6$ is:

Ans
X 1. $(x-2)(x-3)^{2}(x-5)$
X2. $(x+5)(x+2)(x+3)$
X3. $(x+5)(x-2)(x-3)$
4. $(x-5)(x-2)(x-3)$
Q. 27 The average of 45 numbers was found to be 39 . Later on, it was detected that a number 65 was misread as 56 . Find the correct average of the given numbers.

Ans

- 1.39 .2

2. 37.2
3. 38.2
4. 36.2
Q. 28 Robert takes twice as much time as Tom and thrice as much time as George to complete a work. If working together, they can complete it in 23 hours, then find the time that Tom will take to complete the work.
Ans
5. 46 hours
6. 69 hours
7. 11 hours
8. 39 hours
Q. 29 Two metallic balls $P$ and $Q$ are such that the diameter of $P$ is four times the diameter of $Q$. What is the ratio between the volumes of $P$ and $Q$ ?

Ans

1. 32:1
2. 16:1

- 3. 8:1

4. $64: 1$

Question ID : 264330104212
Option 1 ID : 264330409151
Option 2 ID : 264330409150
Option 3 ID : 264330409149
Option 4 ID : 264330409152
Status : Answered
Chosen Option: 4
Q. 30 A runner runs a 750 -metre race in 54 seconds. Find the runner's speed (in km/h).

Ans
$\times 1.40$
$\times 2.30$
X. 3.14
4. 50

Question ID : 264330145069
Option 1 ID : 264330568533
Option 2 ID : 264330568532
Option 3 ID : 264330568531
Option 4 ID : 264330568534
Q. 31 Out of two concentric circles, the radius of the outer circle is 6 cm and the chord PQ of the length 10 cm is a tangent to the inner circle. Find the radius (in cm ) of the inner circle.
Ans

1. 4
2. $\sqrt{7}$

X3. $\sqrt{13}$
4. $\sqrt{11}$
Q. 32 Simplify the following.
$9 \times 2 \div 3$ of $24-3 \div 2 \times(6-7) \times 2+3 \div 3$ of 5
Ans

1. 3
2. $\frac{9}{20}$
3. 4
4. $\frac{69}{20}$

Question ID: 26433073054
Option 1 ID : 264330286410
Option 2 ID : 264330286409
Option 3 ID : 264330286411 Option 4 ID : 264330286408
Q. 33 What will be the area of a plot of quadrilateral shape, one of whose diagonals is 20 m and lengths of the perpendiculars from the opposite vertices on it are 12 m and 18 m , respectively?
Ans
$\times 1.400 \mathrm{~m}^{2}$
X $2.250 \mathrm{~m}^{2}$
$\times 3.200 \mathrm{~m}^{2}$

- $4.300 \mathrm{~m}^{2}$

Question ID : 264330145136
Option 1 ID : 264330568802
Option 2 ID : 264330568800
Option 3 ID : 264330568799
Option 4 ID : 264330568801 Status : Not Answered

Chosen Option : --
Q. 34 In a survey, 200 respondents were asked whether they owned a vehicle or not. Their responses are tabulated below.

What percentage of respondents do NOT own a car?

|  |  | Men | Women |
| :--- | :--- | :--- | :--- |
| Own Vehicle | Scooter | 30 | 20 |
|  | Car | 25 | 10 |
|  | Both | 15 | 5 |
| Do not own vehicle | 50 | 45 |  |

Ans

1. $68.5 \%$
2. $75 \%$
3. $65 \%$
4. $72.5 \%$
Q. 35 Study the given table and answer the question that follows.

The table shows the number of students studying in six different classes of six different schools.

| School | Class V | Class VI | Class VII | Class <br> VIII | Class IX | Class X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P | 152 | 160 | 145 | 156 | 147 | 144 |
| Q | 148 | 166 | 150 | 155 | 157 | 143 |
| R | 161 | 152 | 140 | 145 | 143 | 165 |
| S | 159 | 142 | 149 | 140 | 142 | 168 |
| T | 147 | 144 | 158 | 163 | 154 | 150 |
| U | 150 | 160 | 162 | 160 | 161 | 140 |
| Total | 917 | 924 | 904 | 919 | 904 | 910 |

The number of students studying in class VII from school U is what percentage of the total number of students from all the classes together from that school (rounded off to 2 digits after decimal)?

Ans

- 1. 16.48\%

2. $18.25 \%$
3. $15.63 \%$
4. $17.36 \%$
Q. 36 Study the following table carefully and answer the questions based on it.

The following table shows the domestic sales of vehicles of four manufacturers from 2010 to 2015 .

| Manufacturer | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| A | 560000 | 580000 | 600000 | 620000 | 650000 | 680000 |
| B | 540000 | 590000 | 570000 | 630000 | 710000 | 550000 |
| C | 610000 | 580000 | 620000 | 680000 | 690000 | 630000 |
| D | 630000 | 570000 | 700000 | 690000 | 700000 | 640000 |

With respect to which of the following combinations, is the sales of vehicles lowest over the given period?
Ans
X 1. A, 2010
2. B, 2015
3. B, 2010
4. A, 2011
Q. 37

If $\sin \theta+\cos \theta=\frac{\sqrt{11}}{3}$, then what is $\sin \theta-\cos \theta$ ?
Ans
$\times 1 . \frac{\sqrt{7}}{4}$
2. $\frac{\sqrt{7}}{3}$
$\times 3 . \frac{\sqrt{5}}{3}$
$\times 4 . \frac{\sqrt{5}}{2}$
Q. 38 The following table shows the marks obtained out of 100, by 5 students in 5 different subjects.

| Students | Hindi | English | Maths | Science | Social |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Ravi | 78 | 84 | 88 | 75 | 79 |
| Abhishek | 84 | 86 | 78 | 89 | 80 |
| Ayush | 88 | 80 | 90 | 82 | 85 |
| Rohit | 72 | 85 | 88 | 89 | 78 |
| Aryan | 86 | 88 | 77 | 79 | 89 |

What are the total marks scored by Ayush in all the subjects?
Ans
X 1.435
$\times 2.465$
X 3.445
2. 425
Q. 39 A family earns $₹ 75,000$, out of which $10 \%$ is saved. $30 \%$ of the expenditure is incurred on education, while ₹ 30,375 is spent on health and the remaining amount is spent on food. What is the percentage of food expenditure to the total income?
Ans
X1. $32.5 \%$
2. $22.5 \%$
3. $20 \%$
4. $21.5 \%$
Q. 40 Study the given table and answer the question that follows.

The table shows the number of employees in five different organisations A, B, C, D and $E$ in different departments.

| Dept $\downarrow$ <br> Org $\rightarrow$ | A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: | :---: |
| HR | 1050 | 1015 | 976 | 888 | 1004 |
| Finance | 1017 | 960 | 786 | 1025 | 963 |
| Marketing | 1382 | 1384 | 1275 | 1300 | 1290 |
| Production | 1542 | 1545 | 4550 | 1570 | 1580 |
| Accounts | 786 | 745 | 801 | 800 | 735 |
| Legal | 48 | 54 | 36 | 30 | 53 |
| Total | 5825 | 5703 | 5424 | 5613 | 5625 |

Which organisation has maximum number of employees?
Ans
1.A

X2. B
X3.D
X4.E
Q. 41 Find the amount (integral value only) if a sum of ₹6,500 is being borrowed at 10\% interest per annum for 2 years if interest is compounded half-yearly.
Ans
X 1. ₹8,250
2. ₹7,6503. ₹ 8,150
4. ₹7,900
Q.42 A can do a certain piece of work in 2.4 times the number of days in which $B$ and $C$ together can do it. If A and B together can do the said piece of work in 27 days and $C$ alone can do it in 75 days, then how many days will $B$ take to do this piece of work alone?
Ans
1.54
$\times 15$

X2.48

- 3.45
$\times 4.42$
Q. 43 Two circles touch each other externally at $C$. $A B$ is a direct common tangent to the two circles, $A$ and $B$ are points of contact and $\angle C A B=55^{\circ}$. Then $\angle A C B$ is:

Ans
$\times 1.35^{\circ}$
2. $90^{\circ}$
$\times 3.55^{\circ}$
(4. $45^{\circ}$
Q. 44 The following table shows the data of 10th grade students of Portland High school.

|  | Boys | Girls |
| :--- | :--- | :--- |
| Enrolled in Science | 25 | 20 |
| Not enrolled in Science | 20 | 30 |

What is the approximate percentage of the 10th grade boys of Portland High school who are NOT enrolled in Science?
Ans
X 1. 22.22\%
2. 55.55\%
3. $33.33 \%$
4. $44.44 \%$
Q. 45 Study the given pie-chart and answer the question that follows.

The pie-chart shows the sale of different fruits in a shop in a day.


If a total of 1200 kg of fruits were sold in a day, find the difference between sales of grapes and oranges (in kg).
Ans

1. 60
2. 55
( 3.65
3. 45
Q. 46 Study the given table chart carefully and answer the question that follows.

The given table represents the number of employees in five different organisations, i.e., A,
B, C, D and E in 2019, 2020, 2021 and 2022.

| Organisation | Years |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2019 | 2020 | 2021 | 2022 |
| A | 4000 | 7800 | 2600 | 5200 |
| B | 3800 | 9200 | 9100 | 7300 |
| C | 4500 | 5500 | 7800 | 3250 |
| D | 7000 | 3800 | 8000 | 4650 |
| E | 6600 | 6200 | 7600 | 2880 |

The ratio of the number of employees in 2019 in organisations D and E taken together to that in 2021 in the same organisations is:

Ans
(1.9:14
2. $39: 34$
3. $14: 9$
4. $34: 39$
Q. 47 If $\tan \theta+\cot \theta=2, \theta$ is an acute angle, then find the value of $2 \tan ^{25} \theta+3 \cot ^{20} \theta+5$ $\boldsymbol{\operatorname { t a n }}^{30} \theta \cot ^{15} \theta$.
Ans
X 1.8
$\times 2.6$

- 3.10
$\times 4.12$
Q. 48 In an equilateral $\triangle P Q R, S$ is point on the side $Q R$ such that $Q R=3 Q S$. If $P Q=9 \mathrm{~cm}$, then what will be the length (in cm ) of PS?
Ans

1. $\sqrt{60}$
2. $\sqrt{63}$
3. $\sqrt{62}$
4. $\sqrt{61}$
Q. 49 By selling a table for ₹ 1,596 , Aarav loses $24 \%$. At what price (in ₹) should he sell it to gain 24\%?
Ans
5. 3196
6. 3024
7. 1979
8. 2604
Q. 50 What will be the least number which when doubled will be exactly divisible by 12,14, 16 and $18 ?$

Ans

1. 636
2. 428
3. 504
4. 226

Question ID : 26433075091
Option 1 ID : 264330294455
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 9 4 4 5 3}$
Option 3 ID : 264330294454
Option 4 ID : 264330294452 Status: Answered

Section : English Comprehension
Q. 1 Select the most appropriate ANTONYM for the highlighted word.

They drank some spurious drink and fainted.
Ans
X 1. curious
2. artificial
$\times$ 3. nefarious
4. genuine
Q. 2 Select the option that can be used as a one-word substitute for the underlined group of words.

Children and adolescents with a morbid compulsion to steal experience a growing sense of tension just before stealing, followed by pleasure, relief or gratification during or just after stealing.

Ans
X 1. Pyromania
2. Kleptomania
3. Dipsomania
4. Megalomania
Q. 3 Select the most appropriate idiom for the given situation focusing on the underlined segment.

I know every detail of his accident because I heard the facts directly from him.
Ans
X 1. Speak of the devil
X 2. Get something out of your system
X 3. Pour one's heart out
4. Straight from horse's mouth
Q. 4 Select the option that can be used as a one-word substitute for the given group of words.
Study of coins
Ans

1. Philately
2. Antiquary
3. Numismatics
4. Apothecary
Q. 5 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.
The teacher asked the students to be quite during the exam.
Ans
5. No substitution
6. be quiet
$X$ 3. have quiet
7. been quiet
Q. 6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The platter was insipid, so we refused to pay the bill.
Ans
X 1. full of flavours
2. filled with dirt
3. full of spices
4. lacking taste
Q. 7 Select the most appropriate meaning of the underlined idiom. Doctors are raising hue and cry against the RTH bill.
Ans
X1. Enquire
2. Protest

X 3. Postpone
X 4. Abandon
Q. 8 Select the most appropriate meaning of the underlined idiom.

Technology has become a part and parcel of modern lifestyle.
Ans

1. an obstacle
2. a myth
3. a useless part
4. an integral part
Q. 9 Select the most appropriate synonym of the given word.

Major
Ans
X1. Diligent
X 2. Shallow
3. Considerable
4. Creviced

Question ID : 264330120279
Option 1 ID : 264330471369
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 7 1 3 7 0}$
Option 3 ID : 264330471368
Option 4 ID : 264330471367
Status: Answered
Q. 10 Select the most appropriate option to fill in the blank.

Being courteous $\qquad$ costs you nothing.
Ans

1. No article required

X 2. an
X3.a
4. the
Q. 11 Select the most appropriate meaning of the given idiom. Hear someone out
Ans

1. Let someone complete what they are saying
2. Hear from far away

Х 3 . Dismiss someone from listening to you
X 4. Keep someone out
Q. 12 Select the most appropriate ANTONYM of the given word.

Ethical
Ans
X1. Discord
X 2. Joyous
X 3. Mourning
4. Immoral

Question ID : 264330163377
Option 1 ID : 264330640796
Option 2 ID : 264330640798
Option 3 ID : 264330640795
Option 4 ID : $\mathbf{2 6 4 3 3 0 6 4 0 7 9 7}$
Status: Not Answered Chosen Option : --
Q. 13 Select the most appropriate synonym of the given word. Vagrancy
Ans
X1. Vagueness
X 2. Exploration
3. Vagabond
4. Fragrance
Q. 14 Select the most appropriate meaning of the given idiom.

Build castles in the air
Ans
X 1. To make useless efforts
X 2. To talk pointlessly
3. To make imaginary schemes
$\times 4$. To build a palatial house
Q. 15 Select the most appropriate meaning of the given idiom.

Bite your tongue
Ans
X 1. To scold someone verbally
Х 2. To drink very heavily
3. To avoid saying something

X4. To have something explored

Question ID : 26433092310
Option 1 ID : 264330362538
Option 2 ID : 264330362537
Option 3 ID : 264330362539
Option 4 ID : 264330362540
Status: Answered
Chosen Option : 3
Q. 16 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. Lily has dedicate her life towards becoming a doctor.
Ans
X 1. had dedicate
2. is dedicate
3. No improvement required
4. has dedicated
Q. 17 Select the most appropriate synonym of the given word.

Diabolical
Ans

1. Malicious
2. Sycophant
3. Celestial
4. Sophisticated
Q. 18 Select the INCORRECTLY spelt word

Ans
X 1. Legitimate
2. Exagerate

X 3. Propagate
4. Promulgate

Question ID : 26433089354
Option 1 ID : 264330350919
Option 2 ID : 264330350917
Option 3 ID : 264330350918
Option 4 ID : 264330350920 Status : Answered

Chosen Option : 2
Q. 19 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The court absolved the defendant of all charges due to lack of evidence.
Ans

1. accused
2. condemned
3. attacked
4. criticised

## Q. 20 Select the correctly spelt sentence.

Ans

1. The country's GDP bloomed despite the ongoing war situation.
2. The country's GDP bloomed dispete the ongoing war situation.

X 3. The country's GDP bloomed despete the ongoing war sitution
X 4. The country's GDP bloomed dispite the ongoing war situation.

Question ID : 26433088907
Option 1 ID : 264330349175
Option 2 ID : 264330349174
Option 3 ID : 264330349173
Option 4 ID : 264330349176
Q. 21 Select the most appropriate ANTONYM of the given word.

Calm
Ans

1. Turbulent
2. Shocked
3. Variable
4. Confused
Q. 22 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The cat climbed a tree and_perched itself on a branch.
Ans
X 1. parched
2. No substitution required

X 3. perked
X 4. perished
Q. 23 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
But he waited with the inconceivable patience and persistancy of the race; besides, he was certain, the cat was a creature of absolute convictions and his faith in his deductions never wavered.

Ans
X 1. inconceivable
2. deductions
3. convictions
4. persistancy
Q. 24 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. I am sure Helena / would passes / with flying colours.
Ans

- 1. would passes

X 2. No error
X 3. I am sure Helena
X 4. with flying colours
Q. 25 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The manager noticed a discrepancy between the two audit reports.
Ans
X 1. deliberate mistake
2. selfish interest
3. major difference

X 4. great similarity
Q. 26 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Despite of an injury, he won the match.
Ans

1. No substitution required
2. In spite off
3. Despite
4. In despite of
Q. 27 Identify the error in tense and choose the correct form of the verb in present tense from the following options.
My teacher often forget the name of students.
Ans
X 1. was forgetting
$X$ 2. have been forgetting
X 3. forgot

- 4. forgets
Q. 28 Select the most appropriate idiom to fill in the blank and complete the meaning of the sentence.

Most of the ministers are concerned with the $\qquad$ of office than the service of man.

Ans
X 1. leaps and bounds
2. loaves and fishes
3. wear and tear

X 4. Herculean task
Q. 29 Select the most appropriate meaning of the given idiom. To let the cat out of the bag

Ans
$\times 1$. To hide the truth
2. To be in a hurry
3. To be careful
4. To reveal a secret
Q. 30 Select the most appropriate ANTONYM of the given word.

Sluggish
Ans
X 1. Abnormal
X 2. Utterly
3. Swift

X4. Slow
Q. 31 Select the most appropriate meaning of the given idiom. Pull yourself together

Ans

1. Feel agitated
2. Encourage the rich
3. Calm down after an upsetting incident
4. Discourage the orphans

Question ID : 264330117375
Option 1 ID : 264330461541
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 6 1 5 4 2}$
Option 3 ID : 264330461544
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 6 1 5 4 3}$
Status : Not Answered
Chosen Option:--
Q. 32 The following sentence has been divided into parts. One of them may contain an error Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

He are very thirsty. / Give him / a little water to drink.
Ans

1. Give him
2. a little water to drink
3. He are very thirsty
4. No error
Q. 33 Select the most appropriate meaning of the underlined idiom. I did not even listen to him; he was only talking through his hat.

Ans

1. Talking non-stop
2. Talking garrulously
3. Talking nonsense
4. Talking ignorantly
Q. 34 Select the option that can be used as a one-word substitute for the given group of words.
A person who eats too much
Ans
5. Glutton

X 2. Garrulous
X 3. Greedy
X 4. Gullible
Q. 35 Select the most appropriate ANTONYM of the given word. Profane

Ans
X 1. Perverse
X 2. Immaterial
2. Divine

X 4. Barnyard

Question ID : 264330165263
Option 1 ID : 264330648145
Option 2 ID : 264330648144
Option 3 ID : $\mathbf{2 6 4 3 3 0 6 4 8 1 4 3}$
Option 4 ID : 264330648146
Status : Not Answered
Chosen Option : --
Q. 36 Select the most appropriate option that can substitute the underlined segment in the given sentence. Fifty rupees feels too much for such a pen.
Ans
X 1. looks
2. minds
3. price
4. seems
Q. 37 Select the most appropriate ANTONYM of the given word.

Hideous
Ans

1. Attractive
2. Restorative
3. Lament
4. Healthful
Q. 38 Identify the option that rectifies the underlined spelling error in the given sentence. Mountainering is now looked upon as the king of sports.
Ans
X 1 . Mounteineering
2 2. Mountainearing
5. Mountaineering
6. Mountainouring
Q. 39 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
One of their freighters, / a Neptune, / will be leaving/ in two weeks.
Ans
$\times 1$. One of their freighters
X 2. will be leaving
X 3. in two weeks

- 4. a Neptune
Q. 40 Select the INCORRECTLY spelt word.

Ans $\quad$ 1. Commission
2. Comutter

X 3. Committee
4. Camouflage

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The concept of motivation focuses on explaining what 'moves' behaviour. In fact, the term (1) is derived from the Latin word 'movere', referring to movement of activity. Most of our everyday explanation of (2) $\qquad$ is given in terms of motives. Motives also help in making (3) $\qquad$ about behaviour. A person will work hard in school, in sports, in
business, in music, and in many other situations, if he/she has a very strong need for (4) . Hence, motives are the general states that enable us to make predictions about behaviour in many different situations. In other words, motivation is one of the (5) $\qquad$ of behaviour. Instincts, drives, needs, goals, and incentives come under the broad cluster of motivation.

SubQuestion No: 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans
X 1. psychology
X 2. human behaviour
3. instinct
4. motivation

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The concept of motivation focuses on explaining what 'moves' behaviour. In fact, the term
(1) is derived from the Latin word 'movere', referring to movement of activity. Most of our everyday explanation of (2) $\qquad$ is given in terms of motives. Motives also help in making (3) $\qquad$ about behaviour. A person will work hard in school, in sports, in business, in music, and in many other situations, if he/she has a very strong need for (4) $\qquad$ . Hence, motives are the general states that enable us to make predictions about behaviour in many different situations. In other words, motivation is one of the (5) $\qquad$ of behaviour. Instincts, drives, needs, goals, and incentives come under the broad cluster of motivation.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank number 2.

Ans

1. behaviour
2. goal
3. incentive
4. motivation

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The concept of motivation focuses on explaining what 'moves' behaviour. In fact, the term
(1) $\qquad$ is derived from the Latin word 'movere', referring to movement of activity. Most
of our everyday explanation of (2) $\qquad$ is given in terms of motives. Motives also help in making (3) $\qquad$ about behaviour. A person will work hard in school, in sports, in business, in music, and in many other situations, if he/she has a very strong need for (4) $\qquad$ . Hence, motives are the general states that enable us to make predictions about behaviour in many different situations. In other words, motivation is one of the (5) $\qquad$ of behaviour. Instincts, drives, needs, goals, and incentives come under the broad cluster of motivation.

SubQuestion No: 43
Q. 43 Select the most appropriate option to fill in blank number 3.

Ans
X 1. clarifications
2. predictions

X 3. directions
4. decisions

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The concept of motivation focuses on explaining what 'moves' behaviour. In fact, the term
(1) is derived from the Latin word 'movere', referring to movement of activity. Most of our everyday explanation of (2) $\qquad$ is given in terms of motives. Motives also help in making (3) $\qquad$ about behaviour. A person will work hard in school, in sports, in business, in music, and in many other situations, if he/she has a very strong need for (4) $\qquad$ . Hence, motives are the general states that enable us to make predictions about behaviour in many different situations. In other words, motivation is one of the (5) $\qquad$ of behaviour. Instincts, drives, needs, goals, and incentives come under the broad cluster of motivation.

## SubQuestion No : 44

Q. 44 Select the most appropriate option to fill in blank number 4.

Ans

1. achievements

X 2. motivation
3. desire
4. grow

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
The concept of motivation focuses on explaining what 'moves' behaviour. In fact, the term
(1) $\qquad$ is derived from the Latin word 'movere', referring to movement of activity. Most of our everyday explanation of (2) $\qquad$ is given in terms of motives. Motives also help in making (3) $\qquad$ about behaviour. A person will work hard in school, in sports, in business, in music, and in many other situations, if he/she has a very strong need for (4) $\qquad$ . Hence, motives are the general states that enable us to make predictions about behaviour in many different situations. In other words, motivation is one of the (5) $\qquad$ of behaviour. Instincts, drives, needs, goals, and incentives come under the broad cluster of motivation.

SubQuestion No: 45
Q. 45 Select the most appropriate option to fill in blank number 5.

Ans
$\times 1$. meaning
$\times$ 2. causes
$X$ 3. ways
4. determinants

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides.
One of the most significant downsides is the spread of misinformation. With the rise of social media, anyone can become a content creator, which means that anyone can share information without fact-checking or considering the consequences. This has led to a proliferation of false information, from conspiracy theories to hoaxes, that can quickly spread and cause harm.
One recent example of this is the COVID-19 pandemic. Social media has played a significant role in the spread of misinformation about the virus and the vaccines. False claims about the safety and effectiveness of the vaccines have caused many people to be hesitant or outright refuse to get vaccinated. This, in turn, has led to the prolongation of the pandemic and the loss of many lives.
The spread of misinformation on social media is not a new phenomenon. In fact, it has been around for centuries. However, the speed and ease with which misinformation can spread on social media have made it a particularly pernicious problem in our modern world.
Throughout history, misinformation has been used to sow discord and manipulate people. For example, during World War II, the Nazi regime used propaganda to spread false information about Jews, Roma, and other targeted groups in order to justify their persecution and ultimately their extermination. Similarly, during the Cold War, both the United States and the Soviet Union used propaganda to demonise one another and sway public opinion.
The difference now is that social media has made it easier than ever to spread false information. A single post or tweet can reach millions of people within seconds, and it can be difficult to counteract the effects of that misinformation once it has spread.
So, what can we do about it? The answer is not simple, but it starts with education. We need to teach people how to think critically, how to fact-check, and how to discern between credible sources and fake news. We also need to hold social media companies accountable for the content on their platforms and ensure that they are doing their part to combat the spread of misinformation.
In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

SubQuestion No: 46
Q. 46 What is the ANTONYM of the word 'accurate', " as used in the passage?

Ans
$X$ 1. Correct
2. Inexact
$X$ 3. Precise
X 4. Reliable

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides.
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Throughout history, misinformation has been used to sow discord and manipulate people. For example, during World War II, the Nazi regime used propaganda to spread false information about Jews, Roma, and other targeted groups in order to justify their persecution and ultimately their extermination. Similarly, during the Cold War, both the United States and the Soviet Union used propaganda to demonise one another and sway public opinion.
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In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

SubQuestion No : 47
Q. 47 Identify the main theme of the passage.

Ans $\quad \times 1$. The role of education in combating misinformation.
2. The dangers of spreading false information on social media.
$X 3$. The significance of propaganda and misinformation.
X 4. The benefits of social media for communication.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides.
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So, what can we do about it? The answer is not simple, but it starts with education. We need to teach people how to think critically, how to fact-check, and how to discern between credible sources and fake news. We also need to hold social media companies accountable for the content on their platforms and ensure that they are doing their part to combat the spread of misinformation.
In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

SubQuestion No: 48
Q. 48 According to the passage, which of the following is NOT a cause of the spread of false information on social media?
X 1. Lack of education and critical thinking skills among social media users.
X 2. Inability to discern between credible sources and fake news.
$X$ 3. Social media companies' failure to regulate false information on their platforms.
4. The desire of people to engage in controversial and sensational content.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides.
One of the most significant downsides is the spread of misinformation. With the rise of social media, anyone can become a content creator, which means that anyone can share information without fact-checking or considering the consequences. This has led to a proliferation of false information, from conspiracy theories to hoaxes, that can quickly spread and cause harm.
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So, what can we do about it? The answer is not simple, but it starts with education. We need to teach people how to think critically, how to fact-check, and how to discern between credible sources and fake news. We also need to hold social media companies accountable for the content on their platforms and ensure that they are doing their part to combat the spread of misinformation.
In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

SubQuestion No : 49
Q. 49 What is the author's opinion of social media in this passage?

Ans $\times 1$. Social media has had a mostly positive impact on society, despite some drawbacks.
2. Social media is responsible for the spread of false information, but its impact on society is otherwise neutral.
3. Social media has changed the way we communicate, but has also brought about significant negative consequences.

X 4. Social media is a powerful tool for communication that has many benefits.

## Comprehension:

Read the given passage carefully and answer the questions that follow.
The rise of social media has undoubtedly changed the way we communicate with one another. It has connected people from all over the world and provided a platform for voices that were once silenced. However, as with any form of communication, social media has its downsides.
One of the most significant downsides is the spread of misinformation. With the rise of social media, anyone can become a content creator, which means that anyone can share information without fact-checking or considering the consequences. This has led to a proliferation of false information, from conspiracy theories to hoaxes, that can quickly spread and cause harm.
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Throughout history, misinformation has been used to sow discord and manipulate people. For example, during World War II, the Nazi regime used propaganda to spread false information about Jews, Roma, and other targeted groups in order to justify their persecution and ultimately their extermination. Similarly, during the Cold War, both the United States and the Soviet Union used propaganda to demonise one another and sway public opinion.
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In short, the rise of social media has given us a powerful tool for communication, but we must use it wisely. We must be vigilant against the spread of misinformation and work together to ensure that the information we consume and share is accurate and reliable.

SubQuestion No : 50
Q. 50 What is the author's purpose in writing this passage?

1. To warn readers of the dangers of spreading false information on social media.
2. To provide an in-depth analysis of the benefits of social media for communication.

X 3. To explain the history of propaganda and misinformation and its impact on society.
X 4. To persuade readers to delete their social media accounts.

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2023 Paper I

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | ION Dizital Zone Faridabad |
| Exam Date | 05/10/2023 |
| Exam Time | 4:00 PM - 6:00 PM |
| Subject | SICPO Paper I 2023 |

Section: General Intelligence and Reasoning
Q. 1 A paper is folded and cut as shown. How will it appear when unfolded?


Ans

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
$(53,36,25)$
(71, 54, 43)
Ans
X 1. $(41,23,18)$
2. $(99,82,71)$

X $3 .(66,53,41)$
X4. $(32,14,7)$
Q. 3 Six characters A, B, C, 1, 2 and 3 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the character on the face opposite to C.


Ans
X1.A

- 2.2
$\times 3.3$
4.B
Q. 4 Select the figure that will come next in the following figure series.


Ans


Question ID : 26433087083
Option 1 ID : $\mathbf{2 6 4 3 3 0 3 4 1 9 7 3}$
Option 2 ID : $\mathbf{2 6 4 3 3 0 3 4 1 9 7 4}$
Option 3 ID : 264330341976
Option 4 ID : 264330341975
Status: Answered
Chosen Option : 2
Q. 5 Select the option that represents the letters that, when sequentially placed in the blanks below, will complete the letter-series.
$a, b, a, b, b, \ldots, a, b, a, b, \ldots, a, a, b, a, b, b$,
Ans
X 1.b, a, b
2. a, b, a

X 3.b,b,b
4. a, a, a

Question ID : 264330106617
Option 1 ID : 264330418772
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 1 8 7 6 9}$
Option 3 ID : 264330418770
Option 4 ID : 264330418771
Status: Answered
Q. 6 Select the number from among the given options that can replace the question mark (?) in the following series.
144, 171, 200, ?, 264
Ans
$\times 1.240$
$\times 2.256$
× 3.225

- 4.231
Q. 7 Which letter-cluster will replace the question mark (?) to complete the given series? FOHV, CKER, ?, WCYJ, TYVF
Ans
X 1. XHBM

2. ZGBN

X 3. AFCP
X4. AHCO
Q. 8 Six characters A, B, C, 1, 2 and 3 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the character on the face opposite to 3 .


Ans
X1.B
2. 1
3.2
4. C
Q. 9 In a certain code language, 'BLOCK' is coded as LBCON and 'CABIN' is coded as ACIBQ. How will 'SUITE' be coded in the same language?
Ans

1. USTIH

X 2. UTSEH
$\times 3$ ETHUS
X 4. USHTI
Q. 10 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$

$\times 2$.


- 3. 


$\times 4$

Q. 11 In a certain code language, 'MOBILE' is written as 'NQEMQK' and 'BISHOP' is written as 'CKVLTV'. How will 'CHARGE' be written in that language?
Ans
X 1. DJEVLJ
X 2. DJDWLK
3. DJDVLK

X4. DJDVKL
Q. 12 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Warehouse
2. Warden
3. Warship
4. Wardrobe
5. Warrant
6. Warfare

Ans
K 1. 4, 2, 1, 6, 5, 3
2. $2,4,1,6,5,3$

X 3.2,4, 6, 5, 1, 3
4. $2,4,1,5,6,3$
Q. 13 Select the Venn diagram that best illustrates the relationship between the following classes.
Clothes, Shoes, Shirts
Ans
$\times 1$.

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 14 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?


Ans

Q. 15 If $A$ denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation?
11 B 12 C 144 D 24 A 57 = ?
Ans
$\times 1.180$
2. 183
3. 186
4. 160

Question ID : 264330129780
Option 1 ID : 264330508351
Option 2 ID : 264330508352
Option 3 ID : 264330508354
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 0 8 3 5 3}$
Status: Answered
Q. $16 Q+J$ means " $Q$ is the Husband of $J$ "
$Q-J$ means " $Q$ is the Father of $J$ "
$Q \times J$ means " $Q$ is the Mother of $J$ "
Q * $J$ means " $Q$ is the Daughter of J "
If $D * V+B \times U$, how is $D$ related to $U$ ?
Ans

1. Sister
2. Mother
3. Brother
4. Daughter

Question ID : 264330130334
Option 1 ID : 264330510448
Option 2 ID : 264330510450
Option 3 ID : 264330510447
Option 4 ID : 264330510449
Q. $17 Q$ is to the east of $S$. $E$ is to the south of $S . P$ is to the north-east of $Q$ and north of T. If $T$ is to the south-east of $Q$, what is the position of $S$ with respect to $T$ ? (All positions are arranged in GRID pattern)
Ans
X 1. South-east
X 2. South-west
X 3. West
4. North-west
Q. 18 In a certain code language, 'SPAM' is coded as ' 36 ' and 'JUG' is coded as ' 27 '. How will 'FROCK' be coded in that language?

Ans

- 1.72

2. 45
-3. 90
X. 48

Question ID : 26433079046
Option 1 ID : 264330310189
Option 2 ID : 264330310191
Option 3 ID : 264330310188
Option 4 ID : 264330310190
Status: Answered
Chosen Option : 2
Q. 19 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$.

$\times 4$

Q. 20 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

Ans

1. SRWX
2. HGLM
3. POTU
4. DBGH

Question ID : 264330180751
Option 1 ID : 264330708974
Option 2 ID : 264330708972
Option 3 ID : 264330708973
Option 4 ID : 264330708971
Status: Answered
Q. 21 ' $T+U$ ' means ' $T$ is the mother of $U$ '.
'T - U' means 'T is the father of U'.
' $T \$$ U' means ' $T$ is the husband of $U$ '.
' $T$ \# U' means ' $T$ is the daughter of $U$ '.
If $\mathbf{A} \# \mathrm{C} \$ \mathrm{~V}+\mathrm{X}$, then how is A related to $\mathbf{X}$ ?
Ans

1. Brother
2. Sister
3. Father
4. Daughter
Q. 22 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

$\times 2$.

$\times 3$.

$\times 4$.

Q. 23 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(112, 327, 215), (98, 254, 156)
Ans
X 1. $(108,209,184)$
X 2. $(105,347,322)$
2. $(126,268,142)$

X 4. $(281,490,309)$
Q. 24 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/ subtracting/ multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(5,4,2)$
$(9,9,3)$
Ans

1. $(21,39,1)$
2. $(5,2,6)$
3. $(24,43,34)$
4. $(17,6,5)$
Q. 25 Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only 2 people sit to the right of $D$. $G$ is an immediate neighbour of $D$. Only 3 people sit between $A$ and $G$. Only 2 people sit between $B$ and $C$. $E$ is not an immediate neighbour of $C$. $F$ sits to the immediate right of $G$.
Who sits to the immediate left of A?
Ans
X1.E
5. 

- 3. D
$\times 4$. B
Q. 26 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Brochure
2.Brine
3.Bright
4.Brief
5.Brocade

Ans
X 1.1,2,3,4,5
(2. $1,2,3,5,4$
3. $4,3,2,5,1$
4.3,2,5, 4, 1

Question ID : 26433067247
Option 1 ID : 264330263500
Option 2 ID : 264330263502
Option 3 ID : 264330263503
Option 4 ID : 264330263501
Status: Answered
Chosen Option: $\mathbf{3}$
Q. 27 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ‘ $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$79 \div 64 \times 8-7+12=$ ?
Ans

1. 123
2. 117
(3. 138
3. 147
Q. 28 Two statements are given followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with
commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statements:
All keys are locks.
No door is a lock.
Conclusions:
I. Some locks are doors.
II. Some locks are keys.
III. No key is a door.

Ans
X 1. Both conclusions I and II follow.
2. Conclusions I, II and III follow.
3. Both conclusions II and III follow.
4. Both conclusions I and III follow.
Q. 29 In a certain code language, 'Live long' is coded as 'mu ae', 'Road is long' is coded as ae si du' and 'Game is live' is coded as 'si mu zt'. What is the code for the word 'Game'?
Ans

1. si
2. mu
3. zt
4. ae
Q. 30 Which two signs should be interchanged to make the given equation correct? $42 \div 7+11 \times 87-12=141$
Ans
$\times 1 . \div$ and -
5. $\div$ and +
6. $x$ and +
7.     - and $\times$
Q. 31 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) Pressure : Barometer :: Electricity : ?
Ans
X 1. Cyclotron
X 2. Bolometer
X 3. Audiometer

- 4. Multimeter
Q. 32 Which of the following numbers will replace the question mark (?) in the given series? 270, 241, 212, ?, 154, 125

Ans

1. 198
2. 186
3. 183
-4. 192

Question ID : 26433067626
Option 1 ID : 264330265016
Option 2 ID : 264330265018
Option 3 ID : 264330265019
Option 4 ID : 264330265017
Status : Answered
Q. 33 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
25:18:: 37 : ? :: 49 : 36
Ans
X 1.29
$\times 2.32$
$\times 3.30$
4. 27
Q. 34 Six students Meera, Jigyasa, Tarun, Naina, Shambhavi and Avni are sitting around a circular table facing the centre (not necessarily in the same order). Shambhavi is an immediate neighbour of both Jigyasa and Avni. Tarun is sitting third to the left of Jigyasa. Meera is sitting second to the right of Avni. Who is sitting second to the left of Jigyasa?
Ans

1. Meera

X 2. Naina
X 3. Avni
4. Tarun
Q. 35 Which letter-cluster will replace the question mark (?) to complete the given series? BRCQ, EPFO, ?, KLLK, NJOI

Ans

1. HINO
2. GNMI
3. HNIM
4. GINO
Q. 36 Select the Venn diagram that best illustrates the relationship between the following classes.

Animal, Jungle, Wild Animal
Ans
1.


X 2.

$\times 3$.


X 4

Q. 37 When the following figure is folded to form a cube, which letter-number will be on the face opposite to the face
showing the letter-number ' Al '?
(The elements are shown to indicate the sides only.)


Ans

- 1. U5
$\times 2.04$
X3.13
X4.E2
Q. 38 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?


Ans

$\times 4$.

Q. 39 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Centre : Focus :: Vicar : ?
Ans
X 1. Life
2. Priest
$\chi$ 3. Building

- 4. Riddle
Q. 40 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
Ans

1. MOKN
2. SQUH
3. GIET
4. CEAX

Question ID : 26433068791
Option 1 ID : 264330269679
Option 2 ID : 264330269677
Option 3 ID : 264330269678
Option 4 ID : 264330269676
Status : Answered
Chosen Option : 2
Q. 41 Which two signs should be interchanged to make the given equation correct?
$39 \div 3-11+57 \times 29=171$
Ans

1.     - and $x$
2.     - and +
$3 . \div$ and +
3. $\div$ and -
Q. 42 Stanley starts cycling from Point A. He cycles X km towards the west and then turns right and cycles 3 km . He again turns right and cycles for $\mathrm{X}+1 \mathrm{~km}$. He again turns right and cycles for $2 \mathrm{X}+1 \mathrm{~km}$. He takes a final right turn and cycles for 1 km to stop at Point $B$. Point $B$ is 6 km south of Point $A$. What is the value of $X$ ?
Ans
X1.9
$\times 2.3$

- 3.4
$\times 4.5$
Q. 43 In a certain code language, 'PIN' is coded as 9 and 'CHARGER' is coded as 49. How will 'CABLE' be coded in the same language?
Ans
X 1.27
- 2.25

X 3.18
4. 36
Q. 44 Which of the following numbers will replace the question mark (?) in the given series? 5, 20, 60, 240, 720,?
Ans
X 1.2580

- 2.2880

X 3.2160
4. 2675
Q. 45 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All rivers are lakes.
Some seas are rivers.
Conclusion:
I)Some seas are lakes.
II)All lakes are rivers.

Ans
X 1. Neither Conclusion I nor II follows.
X 2. Only Conclusion II follows.
3. Only Conclusion I follows

X 4. Both Conclusions I and II follow.
Q. 46 If ' + ' means ' - ', ‘ - ' means ' $x$ ', ' $x$ ' means ' $\div$ ', ‘ $\div$ ' means ' + ', then what will come in place of the question mark (?) in the following equation? $39 \times 3-11 \div 57+29=$ ?

Ans
$\times 1.163$
(2. 190
(3. 185
4. 171
Q. 47 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?


Ans


Question ID : 264330145483
Option 1 ID : 264330570188
Option 2 ID : 264330570189
Option 3 ID : $\mathbf{2 6 4 3 3 0 5 7 0 1 9 0}$
Option 4 ID : 264330570187
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 48 If M denotes ' - ', N denotes ' $\rightarrow$ ', O denotes ' $\times$ ', and P denotes ' + ', then what will come in place of ' $?$ ' in the following equation?

21 O 5 P 69 N 3 P $\sqrt{225}$ M $88=$ ?
Ans
X1. 61
X2. 65
2. 55
$\times 4.50$
Q. 49 Which of the following numbers will replace the question mark (?) in the given series?

69, 65, 67, 63, ?, 61
Ans

1. 65
2. 60
$\times 3.62$
4.64

Question ID : 26433091008
Option 1 ID : 264330357444
Option 2 ID : 264330357442
Option 3 ID : 264330357441
Option 4 ID : 264330357443
Status: Answered
Chosen Option : 1
Q. 50 Which two mathematical signs should be interchanged to make the given equation correct?
$(45 \times 2) \div 15-(6 \times 3)+10-(63 \div 21)=17$
Ans
$\times 1 . \div$ and +
$\times 2 . \times$ and -
3. - and +

X4. $\div$ and $\times$
Q. 1 Lavani is a traditional dance of which of the following states?

Ans
X 1. Uttar Pradesh
2. Maharashtra

X 3. Himachal Pradesh
X 4. Madhya Pradesh

Question ID : 264330164796
Option 1 ID : 264330646311
Option 2 ID : 264330646312
Option 3 ID : 264330646314
Option 4 ID : 264330646313 Status : Answered

Chosen Option : 2
Q. 2 Which of the following scientists provided the Law of Octaves?

Ans
X 1. Galileo Galilei
2. John Newlands
3. Michael Faraday
4. Marie Curie

Question ID: 264330131108
Option 1 ID : 264330513544
Option 2 ID : 264330513543
Option 3 ID : 264330513545
Option 4 ID : 264330513546
Q. 3 Who among the following Bahmani sultan was noted for cruelty and hence got the title as 'Zalim'?

Ans

1. Humayun
2. Firuz Shah
3. Mujahid Shah
4. Ahmad Shah
Q. 4 According to the Koppen classification, Which regions experience cold humid winter with short summers?

Ans

1. Western Rajasthan
2. Northern Madhya Pradesh
3. South of Goa
4. Arunachal Pradesh
Q. 5 The Rajpath was decided to be a permanent venue for the Republic Day parade from which of the following year onwards?

Ans
< 1.1959
2. 1951
3. 1955
4. 1958

Question ID : 264330145139
Option 1 ID : 264330568814
Option 2 ID : 264330568813
Option 3 ID : 264330568811
Option 4 ID : $\mathbf{2 6 4 3 3 0 5 6 8 8 1 2}$
Status : Not Answered
Q. 6 Which disease is caused by NOT having enough vitamin C in the diet for at least 3 months leading to weakness, anaemia, gum disease and skin problems?

Ans

1. Pellagra
2. Rickets
3. Beriberi
4. Scurvy
Q. 7 What do you call a Glycocalyx that is a loose sheath type?

Ans
X 1. Mesosomes
X 2. Capsule
X 3. Tubules
4. Slime layer

Question ID : 264330145212
Option 1 ID : 264330569105
Option 2 ID : 264330569104
Option 3 ID : 264330569106
Option 4 ID : 264330569103
Status : Not Answered
Chosen Option: --
Q. 8 Assessment of the country's GDP growth, external balance and fiscal balance are presented in which part of the budget document?
Ans
X 1. Medium-term Fiscal Policy Statement
2. Appropriation bill

X 3. Fiscal Policy Strategy Statement
4. Macroeconomic Framework Statement
Q. 9 The seven years of war in the 18th century was fought between Britain and $\qquad$ .
Ans

1. Spain
2. France
3. Germany
4. Portugal

Question ID : 264330165387
Option 1 ID : 264330648630
Option 2 ID : 264330648628
Option 3 ID : 264330648627
Option 4 ID : 264330648629 Status : Answered

Chosen Option : 2
Q. 10 At the time of launch of the Smart Cities Mission, how many cities were proposed to be covered under this scheme?

Ans

1. 100
2. 50
$\times 3.75$
3. 25

Question ID : 26433064565
Option 1 ID : 264330252855
Option 2 ID : 264330252853
Option 3 ID : 264330252854
Option 4 ID : 264330252852 Status : Not Answered
Chosen Option: --
Q. 11 What is the standard weight of a hockey ball?

Ans
X1. $161 \mathrm{gm}-156 \mathrm{gm}$
2. $162 \mathrm{gm}-156 \mathrm{gm}$
3. $160 \mathrm{gm}-156 \mathrm{gm}$
4. $163 \mathrm{gm}-156 \mathrm{gm}$

Option 1 ID : 264330465282
Option 2 ID : 264330465283
Option 3 ID : 264330465281
Option 4 ID : 264330465284
Q. 12 Choose the correct statement(s) related to 'continentality'.
a. The sea exerts a moderating influence on climate.
b. As the distance from the sea increases, the people experience extreme weather conditions.
c. As one goes from the surface of the earth to higher altitudes, the atmosphere becomes less dense and temperature decreases.
Ans
$\times 1$ a and c
X 2. Only c
X 3.b and c
4. a and b
Q. 13 The Arms Act was passed in $\qquad$ that prevented Indians from keeping arms without an appropriate license.
Ans

1. 1909
2. 1897
3. 1878
4. 1912
Q. 14 Who takes the salute during the Republic Day parade at New Delhi?

Ans

1. Governor
2. President
3. Chief Justice
4. Prime Minister
Q. 15 According to the Census of India 2011, which of the following states has the highest Hindu population percentage of total population?
Ans
5. Madhya Pradesh
6. Haryana
7. Himachal Pradesh
8. Uttar Pradesh

Question ID : 264330166808
Option 1 ID : 264330654270
Option 2 ID : 264330654269
Option 3 ID : 264330654267
Option 4 ID : 264330654268 Status: Answered
Q. 16 Which Article of the Indian Constitution mentions that all the authorities-civil and judicial- in the territory of India shall act in aid of the Supreme Court?

Ans
X 1. Article 143
2. Article 144
3. Article 142
4. Article 141
Q. 17 $\qquad$ river has the least storage capacity of usable water.
Ans
< 1. Godavari
X 2. Ganges
3. Brahmaputra
4. Krishna
Q. 18 Dihang and Lohit are rivers in which of the following regions?

Ans

1. Sikkim and Manipur
2. Punjab and Himachal
3. Arunachal Pradesh and Assam
4. Jammu and Kashmir

Option 1 ID : 264330469462
Option 2 ID : 264330469459
Option 3 ID : $\mathbf{2 6 4 3 3 0 4 6 9 4 6 1}$
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 6 9 4 6 0}$
Q. 19 With which of the following dance forms is Thumri music associated?

Ans
X 1. Sattriya
2. Kathakali

- 3

3. Kathak
4. Bharatanatyam
Q. 20 Who among the following Mauryan king fasted to death and died at Shravanabelagola?

Ans

1. Bindusara
2. Dasharatha
3. Chandragupta Maurya
4. Ashoka
Q. 21 Shifting agriculture is known as $\qquad$ in the Western Ghats.
Ans
5. kumari
6. dahiya
7. koman
8. waltre
Q. 22 In which of the following states are Aus, Boro and Aman paddy crops grown in a year?

Ans
X 1. Punjab
2. Odisha
3. Haryana
4. Uttarakhand
Q. 23 The measure of the force that can cause an object to rotate about an axis is called:

Ans $\times 1$. moment of inertia
X 2. power

- 3. torque

4. centripetal force
Q. 24 Who among the following classical poets of the Sultanate period in India popularised Qawwali, a form of music which derived its name from the Arabic word 'qaul', meaning 'to speak'?

Ans

1. Nizam al-Din Awliya
2. Jalal al-Din Muhammad Rumi
3. Amir Khusrau
4. Shams al-Din Muhammad Hafiz
Q. 25 What is the name of the 1,3-isomer (or meta-isomer) of benzenediol with the chemical formula $\mathrm{C}_{6} \mathrm{H}_{4}(\mathrm{OH})_{2}$ ?

Ans

1. m-Cresol
2. Resorcinol
3. Catechol
4. Glycerol
Q. 26 Who was/were the founder(s) of the Theosophical Society?

Ans

1. HP Blavatsky and Colonel Olcott
( 2. Madam Bhikaji Cama
X 3. Annie Besant
2. Charles W Leadbeater and Emily Lutyens
Q. 27 Which Articles of the Indian Constitution describe Fundamental Rights?

Ans
X 1. Articles 5 to 11
2. Articles 12 to 35

X 3. Articles 36 to 51
4. Articles 52 to 62

Question ID: 264330111520
Option 1 ID : 264330438165
Option 2 ID : 264330438166
Option 3 ID : 264330438167
Option 4 ID : 264330438168 Status : Answered

Chosen Option : 2
Q. 28 Which of the following organisms belongs to phylum Apicomplexa?

Ans
X1. Sponge
2. Physalia
3. Hydra
4. Plasmodium
Q. 29 Select the INCORRECT pair of a famous minaret and its construction year in India.

Ans
X 1. Shaheed Minar-1828 CE
X 2. Chand Minar-1435 CE
3. Char Minar-1664 CE

X 4. Jhulta Minar-1452 CE
Q. 30 In 1932, who discovered the positron, a particle described as 'carrying a positive charge but having a mass of the same order of magnitude as that normally possessed by a free negative electron'?

Ans

1. Niels Bohr
2. Paul Dirac
3. Ernest Rutherford
4. Carl Anderson
Q. 31 Which of the following rights forbids employment of children below the age of 14 years in dangerous jobs?

Ans

1. Right to Equality
2. Right to Constitutional Remedies
3. Right against Exploitation
4. Right to Freedom

Question ID : 264330116399
Option 1 ID : 264330457684
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 5 7 6 8 3}$
Option 3 ID : 264330457681
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 5 7 6 8 2}$ Status: Answered
Q. 32 Which of the following is NOT the manifestation of Iron-deficiency anaemia (IDA)?

Ans
X 1. Soft palate
2. Blindness

X 3. General pallor
4. Paleness of conjunctiva of eyes

Question ID : 26433086903
Option 1 ID : 264330341255
Option 2 ID : 264330341256
Option 3 ID : 264330341253
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 4 1 2 5 4}$
Status: Answered
Chosen Option : 2
Q. 33 Which of the following books is an autobiography of the Indian politician LK Advani?

Ans

1. Wings of Fire: An Autobiography
2. My Country My Life
3. My Times: An Autobiography
4. In Pursuit of Justice: An Autobiography
Q. 34 From which five-year plan did India start its journey of industrialisation?

Ans
X 1. Third Five-year Plan
2. Second Five-year Plan
3. Fifth Five-year Plan
4. Fourth Five-year Plan
Q. 35 Which of the following statements about green revolution is/are correct?
I. Green revolution began in the 1960s.
II. HYV of a seed made green revolution a success.
III. Extensive use of cattle was also one constituent of green revolution.

Ans
X 1 . Only II and III

- 2. Only I and II

X 3. Only I
X 4. Only II
Q. 36 Ghanakanta Bora Borbayan has been conferred the Padma Shri award for his contribution to which of the following fields?
Ans
X 1. Bhortal
2. Bagurumba

- 3. Sattriya

X 4. Chhau
Q. 37 The masculine aspect of the Manipuri classical dance is known as:

Ans
X1. Ras
2. Choloms
3. Pareng
4. Maiba
Q. 38 Which of the following Articles of the Constitution of India lays down the establishment of Public Service Commissions for the Union and for the States?

Ans

1. Article 315
2. Article 316
3. Article 317
4. Article 318

Question ID : 264330145262
Option 1 ID : 264330569303
Option 2 ID : 264330569304
Option 3 ID : 264330569305
Option 4 ID : 264330569306 Status: Answered
Chosen Option: 1
Q. 39 Which of the following is an indirect tax?

Ans
X 1. Death duty
2. Interest tax
3. Goods and services tax
4. Capital gains tax
Q. 40 The ball colour in the sport of Ball Badminton should be:

Ans

1. yellow
2. green
3. pink
4. red
Q.41 What is the bicameral legislature of the Indian Constitution?

Ans
Х 1. It is legislative body with three houses.
2. It is legislative body with two houses.

X 3. It is legislative body with one house.
X 4. It is legislative body with four houses.
Q. 42 Neeruswamy Pillai and Rajaratanam Pillai are exponents of which musical instrument?

Ans

1. Nadaswaran
2. Mandolin
3. Mridangam
4. Sarangi
Q. 43 Living organisms have been on Earth for how much percent of Earth's history?

Ans

1. $80 \%$
2. $20 \%$
3. $60 \%$
4. $40 \%$
Q. 44 According to the 2011 Census, which state recorded the lowest literacy rate?

Ans

1. Arunachal Pradesh
2. Bihar
3. Andhra Pradesh
4. Jharkhand
Q. 45 Which Article of the Indian Constitution refers to the Rights of Ministers with respect to the State Legislature?
Ans
5. Article 178
6. Article 177
7. Article 175
8. Article 176
Q. 46 In Ball Badminton, players change the ends in each game when a side first scores all of the following, EXCEPT:

Ans

1. 18
2. 9
3. 27
4. 11

Question ID : 26433059450
Option 1 ID : 264330232670
Option 2 ID : 264330232668
Option 3 ID : 264330232671
Option 4 ID : 264330232669
Status : Not Answered
Chosen Option:--
Q. 47 In 1928, which equation was derived and combines quantum theory and special relativity to describe the behaviour of an electron moving at a relativistic speed?

Ans
(1. Bernoulli's equation
2. Lorentz equation

X 3. Helmholtz equation
4. Dirac equation
Q. 48 The term 'Dribble' is generally associated with

Ans
X 1. cricket
X 2. baseball
3. basketball
4. tennis

Question ID : 264330109729
Option 1 ID : 264330431195
Option 2 ID : 264330431193
Option 3 ID : 264330431194
Option 4 ID : 264330431196
Q. 49 Which of the following Sultans of Delhi was appointed as Amir-i-Tuzuk (Master of Ceremonies) before becoming the Sultan?
Ans
X 1. Muhammad Bin Tughlaq
2. Alauddin Khalji

X 3. Balban
4. Itutmish
Q. 50 Who is the author of the book 'The Soul of a Butterfly: Reflections on Life's Journey'?

Ans
X 1. Jake LaMotta
X 2. Eugene J Bullard
X 3. Roberto Duran
4. Muhammad Ali

Section : Quantitative Aptitude
Q. 1 Find the fourth proportional of 22, 66 and 11.

Ans
$\times 1.23$

- 2.33
$\times 3.17$
4.39
Q. 2 An article is sold at a discount of $25 \%$ and an additional discount of $28 \%$ is allowed on cash payment. If Ramendra purchased the article by paying $₹ 10,800$ in cash, then what was the marked price of the article?

Ans

1. ₹19,800
2. ₹ 20,800
3. ₹20,000
4. ₹18,000
Q. 3 A shopkeeper marked the price as $₹ 15,000$ on an article, and a successive discount of $5 \%, 10 \%$ and $20 \%$ was allowed on it. What is the selling price?
Ans
5. ₹10,260
6. ₹ 13,520
7. ₹ 11,520
8. ₹9,850

Question ID : 264330104400
Option 1 ID : 264330409902
Option 2 ID : 264330409904
Option 3 ID : 264330409901
Option 4 ID : 264330409903 Status: Answered
Q. 4 The value of a washing machine depreciated from ₹ 40,960 to ₹ 21,970 in 3 years. Find the yearly rate of depreciation.

Ans

1. $25 \%$
2. $16.25 \%$
3. $18.75 \%$
4. $20 \%$
Q. 5 A and B are equally efficient, and each can individually complete a piece of work in 36 days, if none takes any holiday. $A$ and $B$ started working together on this piece of work, but A took a day off after every five days of work, while B took a day off after every seven days of work. If the duo had started work on 1 July 2021, on which date was the work completed?
Ans
5. 22 July 2021
6. 19 July 2021
7. 21 July 2021
8. 20 July 2021
Q. 6 The radius of a metallic spherical ball is 3 cm . If the metallic ball is melted and recast into $x$ number of hemispheres of radius equal to half the radius of the metallic spherical ball, then find the value of $x$.
Ans
$\times 1.15$
$\times 2.14$

- 3.16

4. 13

Question ID : 264330103636
Option 1 ID : 264330406851
Option 2 ID : $\mathbf{2 6 4 3 3 0 4 0 6 8 5 0}$
Option 3 ID : 264330406852
Option 4 ID : 264330406849
Status: Answered
Chosen Option : 3
Q. 7 Some ice pieces, spherical in shape, of diameter 6 cm are dropped in a cylindrical container containing some juice and are fully submerged. If the diameter of the container is 18 cm and level of juice rises by 40 cm , then how many ice pieces are dropped in the container?
Ans

1. 95

X2. 85
3. 80
4. 90
Q. 8 If the slant height of a cone is 29 cm and its height is 20 cm , find the ratio between the magnitudes of total surface area and the volume.

Ans
$1.5: 14$
2. $7: 15$
3. $3: 7$
4. $3: 14$
Q. 9 In $\triangle A B C$ with sides $8 \mathrm{~cm}, 9 \mathrm{~cm}$ and 12 cm , the angle bisector of the largest angle divides the opposite sides into two segments. What is the length of the shorter segment?
Ans

1. $5 \frac{11}{17} \mathrm{~cm}$
$\times 2.4 \frac{11}{17} \mathrm{~cm}$
$\times 3.6 \frac{13}{17} \mathrm{~cm}$
$\times 4.3 \frac{9}{17} \mathrm{~cm}$
Q. 10 If $\cot ^{2} \theta=1-e^{2}$, then the value of $\operatorname{cosec} \theta+\cot ^{3} \theta \sec \theta$ is:

Ans
$x^{1} \cdot\left(2-e^{2}\right) \frac{1}{2}$
X ${ }^{2 .}\left(1-\mathrm{e}^{2}\right)^{\frac{3}{2}}$
3. $\left(1-e^{2}\right)$
4. $\left(2-e^{2}\right)^{\frac{3}{2}}$
Q. 11 If $\frac{2 \sin A-\cos A}{\sin A+\cos A}=1$, then find the value of $\cot A$.

Ans
$\times 1.1$
2. $\frac{1}{2}$
$\times 3$.
$\frac{1}{3}$
$\times 4.2$
Q. 12 A, B and C can do a piece of work in 11 days, 20 days and 55 days respectively. How soon can the work be done if A works with B on first day, A works with C on second day and so on?
Ans

1. $8 \frac{1}{2}$ days
2. $9 \frac{1}{2}$ days
3. 8 days
4. 9 days
Q. 13 Study the given table and answer the question that follows.

| Number of children | Number of families |
| :--- | :--- |
| 0 | 4 |
| 1 | 22 |
| 2 | 15 |
| 3 | 6 |
| 4 | 2 |

The average number of children per family is:
Ans

1. 1.47
2. 1.59
3. 1.23
4. 1.72
Q. 14 A fast local of Mumbai takes 45 minutes less than a slow local for a journey of 150 km . If the speed of the fast local is $10 \mathrm{~km} / \mathrm{h}$ more than that of the slow local, find the speed (in km/h) of the slow local train.
Ans
X 1.30
5. 35
( 3.45
6. 40
Q. 15 In a school of 720 students, the ratio of boys to girls is $3: 5$. Find how many new boys may be allowed to the school if 18 new girls are admitted, so that the ratio of boys to girls changes to 2:3.
Ans

- 1.42

2. 44
3.50
3. 38
Q. 16 The given graph shows the income and expenditure of a family. Study the graph and answer the question that follows.


The expenditure of the family increased by $\qquad$ from 2017 to 2018.

Ans

1. $25 \%$
2. $11 \%$
3. $22 \%$
4. 20\%
Q. 17 Which of the following is the greatest four-digit number that is divisible by $15,25,40$, and 75?
Ans
$\times 1.9200$
5. 9500
6. 9600
+4.9000
Q. 18 What is the average of the first six prime numbers?

Ans
$\times 1.6 \frac{1}{3}$
2. $6 \frac{5}{6}$
$\times 3.6 \frac{2}{3}$
$\times 4.6 \frac{1}{6}$
Q. 19 Ayush spends $\mathbf{2 5 \%}$ of an amount of money on an insurance policy, $\mathbf{2 6 \%}$ on food, $\mathbf{2 3} \%$ on children's education and 19\% on recreation. He deposits the remaining amount of ₹ 26,600 in the bank. What is the total amount (in ₹) that he spends on food and recreation together?
Ans
X 1.1,95,000
2. 1,71,000

X 3.1,62,000
4. 1,83,000
Q. 20 Study the given pie-chart carefully and answer the question that follows. Degree wise Break-up of Expenditure of a Family in a Month

Total Amount Spent In a

## Month = ₹56800.



What is the amount spent by the family on housing?
Ans
X 1 . ₹ 11,814
X 2. ₹6,248
X 3. ₹10,615
4. ₹12,496
Q. 21 The number of balls, each one is 4 cm in the diameter that can be made from a solid metallic sphere of diameter 32 cm is:
Ans
< 1.256
2. 64
3. 512
4. 1024
Q. 22 Simplify the given expression.
$b+2 a-[(3 b+a)-(2 a+b)+2 a]-a$
Ans
X1.-a
< 2.b
3. - b
4. a
Q. 23 In a store, Arun has two options to buy a mobile phone, either he can pay the full amount of Rs.2,500 or he may buy at an instalment scheme, i.e. Rs. 520 in down payment and four equal instalments, rate of interest being charged at $25 \%$ p.a. simple interest. Arun buys a mobile phone on the instalment scheme. What is the monthly instalment for Arun?
Ans
< 1. Rs. 510
2. Rs. 530

X 3.Rs. 550
4. Rs. 520

Question ID : 26433063339
Option 1 ID : 264330248011
Option 2 ID : $\mathbf{2 6 4 3 3 0 2 4 8 0 0 8}$
Option 3 ID : 264330248009
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 4 8 0 1 0}$ Status: Answered
Chosen Option: 3
Q. 24 In a 1200 m race, Rakesh reaches the final point in 36 seconds and Rajesh reaches in 40 sec. By how much distance does Rakesh beat Rajesh?
Ans

- 1.130 m

2. 120 m
$\times 3.140 \mathrm{~m}$
3. 150 m
Q. 25 Rakesh runs a coaching institute having 50 faculty members. The average monthly salary of 35 faculty members is ₹ 37,500 . What will be the average monthly salary (in ₹) of the other 15 faculty members, if the average monthly salary of all the 50 faculty members is found to be ₹ 30,000 ?

Ans

1. 13,000
2. 13,500
3. 12,500
4. 12,000
Q. 26 If $\sin \theta+\cos \theta=\sqrt{2} \cos \theta$, then find $\frac{\sin \theta-\cos \theta}{\sin \theta}$ :

Ans

1. $-\sqrt{2}$
2. -1
(3. 1
3. $\sqrt{2}$

Question ID : 264330158420
Option 1 ID : 264330621042
Option 2 ID : 264330621040
Option 3 ID : 264330621039
Option 4 ID : 264330621041
Status: Answered
Chosen Option : 1
Q. 27 Ankita sold three toys. The first toy was sold for ₹1,500 at a profit of $25 \%$; the second toy was sold for ₹ 2,800 at a loss of $50 \%$ and the third toy was sold for ₹ 3,500 at a profit of $25 \%$. Find her total profit or loss percentage.
Ans
X 1. 15.25\% loss
2. $15.25 \%$ profit
3. 18.75\% profit
4. $18.75 \%$ loss
Q. 28 Study the given pie-chart and answer the question that follows.

The pie-chart shows the expenditure of a family on different items and their savings throughout the year 2021.


If the total income for the year was ₹ $1,00,000$, then the difference in the expenses (in ₹) between housing and transport was:

Ans
X 1.9,500
$\times 2.10,500$
X 3.9,000
4. 10,000

Question ID : 264330163476
Option 1 ID : 264330641164
Option 2 ID : 264330641166
Option 3 ID : 264330641163
Option 4 ID : 264330641165
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 29 Simplify the given expression.
$(x-2 y)(y-3 x)+(x+y)(x-y)+(x-3 y)(2 x+y)$
Ans
2. $2 y(x-3 y)$

X 2. $2 \mathrm{y}(\mathrm{x}+3 \mathrm{y})$
Х 3. $2 \mathrm{x}(\mathrm{x}-3 \mathrm{y})$
X 4. $2 x(x+3 y)$
Q. 30 The least number of five digits which is exactly divisible by $9,12,15,25$ and 27 is:

Ans

- 1.10800
$\times 2.10250$
X 3.10700

4. 10600

Question ID : 26433064889
Option 1 ID : 264330254149
Option 2 ID : 264330254151
Option 3 ID : 264330254150
Option 4 ID : 264330254148 Status : Answered

Chosen Option : 1
Q. 31 The LCM of two numbers is five times their HCF. If the product of the two numbers is 20480,then find their HCF and LCM, respectively.
Ans

1. 46 and 230
2. 48 and 240
3. 64 and 320
4. 56 and 280

Question ID : 26433065040
Option 1 ID : 264330254753
Option 2 ID : 264330254754
Option 3 ID : 264330254752
Option 4 ID : $\mathbf{2 6 4 3 3 0 2 5 4 7 5 5}$ Status: Answered
Chosen Option: 3
Q. 32 Find the HCF of 125, 250 and 750.

Ans
$\times 1.50$
2. 25
3. 125
4. 75

Question ID : 26433065033
Option 1 ID : 264330254725
Option 2 ID : 264330254724
Option 3 ID : 264330254727
Option 4 ID : 264330254726
Q. 33 The LCM of 8,12 and 18 is:

Ans
$\times 1.24$
$\times 2.80$

- 3.72
$\times 4.36$
Q. 34 Study the given table and answer the question that follows.

The table shows the number of employees in three organisations during three years.

| Year | 2018 | 2019 | 2020 |
| :---: | :---: | :---: | :---: |
| Organization |  |  |  |
| P | 75 | 69 | 85 |
| Q | 96 | 81 | 74 |
| R | 85 | 63 | 90 |

What is the respective ratio between total number of employees in organisations P and R together in 2019 and total number of employees in organisations Q and R together in 2020?

Ans
X 1.23:41
2. $33: 41$
3. 41:31
4. $33: 23$
Q. 35 The ratio of monthly income and expenditure of a man is $7: 3$. If his expenditure is $₹ 5,400$, find his monthly income.
Ans

1. ₹12,600
2. ₹ 13,300
3. ₹ 11,500
4. ₹10,400
Q. 36 If $\mathbf{3 0 \%}$ of Ravi's income is equal to $\mathbf{4 0 \%}$ of Suresh's income, then $\mathbf{5 0 \%}$ of Ravi's income is equal to what percentage of Suresh's income?

Ans
$\times 1.66 \frac{1}{3} \%$
$\times 2.33 \frac{1}{3} \%$
$\times 3.33 \frac{2}{3} \%$
4. $66 \frac{2}{3} \%$
Q. 37 If Arun can complete $\frac{2}{3}$ rd of a work in 12 days, then in how many days can he complete $\frac{1}{6}$ th of the same work?

Ans

1. 3
2.4
3.5
4.2

Question ID : 264330101377
Option 1 ID : 264330398056
Option 2 ID : 264330398055
Option 3 ID : 264330398054
Option 4 ID : 264330398053
Q. 38 The chord of a circle is equal to its radius. Find the difference between the angle subtended by this chord at the minor arc and major arc of the circle.
Ans
(1.30
2. $120^{\circ}$
3. $60^{\circ}$
4. $150^{\circ}$
Q. 39 The length of the common chord of two intersecting circles is 24 cm . If the diameter of the circles are 30 cm and 26 cm , then the distance between the centres (in cm) is:

Ans

1. 16 cm
2. 14 cm
3. 18 cm
4. 12 cm
Q. 40 Study the given table and answer the question that follows.

The table shows the number of students in various courses in various cities A, B, C, D and $E$ in India during the academic year 2022-2023.

| City | MBA | Science | Engineering | Medicine | MCA | Total |
| :--- | :---: | :--- | :--- | :--- | :--- | :--- |
| A | 1200 | 2560 | 4520 | 1100 | 960 | 10340 |
| B | 1350 | 2650 | 5100 | 1050 | 850 | 11000 |
| C | 1250 | 2640 | 4580 | 1120 | 750 | 10340 |
| D | 1960 | 1250 | 3500 | 1850 | 1600 | 10160 |
| E | 1200 | 2100 | 3500 | 960 | 540 | 8300 |

During the academic year 2022-2023, which city had the largest number of students?
Ans

- 1. C

2. D
3. A
4. B
Q. 41 Study the given bar graph carefully and answer the question that follows. Increment of four employees (in ₹) in the months of May, June and July.


What is Kamal's overall average increment in three months?
Ans
X 1. ₹60
X 2. ₹ 70
3. ₹75
4. ₹65
Q. 42 A hollow cylindrical tube made of plastic is 3 cm thick. If the external diameter is 20 cm and length of the tube is 49 cm , find the volume of the plastic.
Ans
$\times 1.7238 \mathrm{~cm}^{3}$
$2.7644 \mathrm{~cm}^{3}$
3. $7546 \mathrm{~cm}^{3}$
$4.7854 \mathrm{~cm}^{3}$
Q. 43 The value of $2 \tan ^{2} 45^{\circ}+\cos ^{2} 30^{\circ}-\sin ^{2} 60^{\circ}$ is:

Ans

- 1.2

2. 1
3. -1
4. -2
Q. 44 A shopkeeper sells sugar at ₹ 40 per kg , which he purchased at $₹ 36 \mathrm{per} \mathrm{kg}$. His weighing machine is faulty and it weighs only 800 gm while selling. His percentage profit (correct to 2 decimal places) is:
Ans
$\times 1.37 .58 \%$
$\times 2.40 \%$
X 3. $39.28 \%$
$\checkmark$ 4. $38.89 \%$

Question ID : 26433099045
Option 1 ID : 264330388820
Option 2 ID : 264330388817
Option 3 ID : 264330388818
Option 4 ID : $\mathbf{2 6 4 3 3 0 3 8 8 8 1 9}$
Status: Answered
Chosen Option : $\mathbf{4}$
Q. $45 \Delta P Q R$ is right angled at $Q$ such that $P Q=(x-y), Q R=x$ and $P R=(x+y) . S$ is a point on $Q R$ such that QS=PQ. The ratio QS: SR for any values of $x$ and $y$ is:
Ans
1.3:1

X2.2:1
X $3.1: 2$
$\times 4.1: 3$

Question ID : 264330158286 Option 1 ID : 264330620503
Option 2 ID : $\mathbf{2 6 4 3 3 0 6 2 0 5 0 5}$ Option 3 ID : 264330620506 Option 4 ID : 264330620504 Status : Not Answered
Q. 46 The following table represents the number of scooters sold by 5 stores in 4 different months in the year 2022.

| Months. | Atores | B | C | D | E |
| :--- | :--- | :--- | :--- | :--- | :--- |
| January | 212 | 168 | 173 | 182 | 190 |
| February | 312 | 250 | 212 | 175 | 182 |
| March | 280 | 275 | 265 | 255 | 245 |
| April | 270 | 280 | 290 | 305 | 275 |

Find the ratio between the total number of scooters sold by stores A and B together in January and the total number of scooters sold by stores D and E together in March?

Ans

1. $20: 23$
2. $18: 23$
3. $17: 25$
4. $19: 25$
Q. 47 A man covers a certain distance by bike. If he covers $25 \%$ of the distance at the speed of $25 \mathrm{~km} / \mathrm{h}, 50 \%$ of the distance at the speed of $50 \mathrm{~km} / \mathrm{h}$ and the remaining distance at the speed of $12.5 \mathrm{~km} / \mathrm{h}$, find his average speed over the whole journey.
Ans
5. $20 \mathrm{~km} / \mathrm{h}$
6. $30 \mathrm{~km} / \mathrm{h}$
7. $25 \mathrm{~km} / \mathrm{h}$
8. $35 \mathrm{~km} / \mathrm{h}$
Q. 48 If the sum of two numbers is 60 and their HCF and LCM are 5 and 60 , respectively, then the sum of the reciprocals of the numbers will be:
Ans
9. $\frac{1}{11}$
10. $\frac{1}{6}$
11. $\frac{1}{4}$

จ $4 . \frac{1}{5}$
Q. 49 The following table gives the number of different types of batteries sold by a company over the years (numbers in hundreds).

| Type of battery |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| Year | 7 AH | 32 AH | 35 AH | 55 AH |
| 2018 | 20 | 30 | 40 | 50 |
| 2019 | 40 | 35 | 45 | 45 |
| 2020 | 50 | 40 | 40 | 40 |
| 2021 | 40 | 50 | 50 | 45 |
| 2022 | 45 | 45 | 35 | 55 |

What is the difference in the number of 7AH batteries sold in 2021 and 2022 ?
Ans
$\times 1.200$
$\times 2.700$3. 300
4. 500
Q. 50 The HCF and LCM of two numbers are 9 and 126, respectively. Find the larger number, if the ratio between the numbers is $2: 7$.

Ans

- 1. 42

2. 63
3. 77

X4. 21

Question ID : 26433063284
Option 1 ID : 264330247790
Option 2 ID : 264330247789
Option 3 ID : 264330247791
Option 4 ID : 264330247788 Status: Answered

Section : English Comprehension
Q. 1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The concert was filled with rapt teenage listeners.
Ans
X 1. really fashionable
X 2. boldly dressed
X 3. truly energetic
4. fully attentive
Q. 2 Select the most appropriate ANTONYM of the given word. Decline
Ans
$\times 1$. Escape
2. Ascend
3. Demonstrate
4. Traverse
Q. 3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. It was a quite afternoon, so Dan decided to take a nap.

Ans
$X 1$. an quiet
X 2. an quite
X 3. No substitution required
4. a quiet

Question ID : 26433070770
Option 1 ID : 264330277538
Option 2 ID : 264330277536
Option 3 ID : 264330277539
Option 4 ID : 264330277537
Status: Answered
Q. 4 Select the most appropriate option to fill in the blank. This is not $\qquad$ exhaustive list of words.
Ans
X 1. many
2. an

X 3.a
4. No word required
Q. 5 Select the most appropriate meaning of the highlighted idiom in the given sentence.

She said she liked my hair, but it turned out to be a left handed compliment.
Ans
X 1. A joke
X 2. A flattery
2. An insult
$\times 4$. A praise
Q. 6 Select the most appropriate ANTONYM of the given word.

## Redemption

Ans

1. Salvation
2. Blasphemy
3. Corrugation
4. Conjunction

Question ID : 264330163398
Option 1 ID : 264330640871
Option 2 ID : 264330640872
Option 3 ID : 264330640873
Option 4 ID : 264330640874
Status: Answered
Q. 7 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

Have they been work in that particular shop for several years?
Ans

1. work
2. been
3. for
4. Have
Q. 8 Select the correct spelling of the incorrectly spelt word.

He had a round face made jovial by bright, almost boyish eyes and eyebrows ridiculusly small for a man his size.

Ans
X 1. ridicolusly
2. jouvial
3. juvial
4. ridiculously
Q. 9 Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully:
Unless you (do will not prepare) well you will not perform well.
Ans

1. would not prepare
2. prepare
3. will do not prepare
4. will prepare

Question ID : 26433088800
Option 1 ID : 264330348756
Option 2 ID : 264330348754
Option 3 ID : 264330348753
Option 4 ID : 264330348755
Status: Answered
Q. 10 Select the most appropriate meaning of the given idiom.

Bite the bullet
Ans
X 1. Decide to do what is good
2. To bite something very hard
3. Decide to do the inevitable which you were avoiding

X 4. Decide to take the easier way out
Q. 11 Select the most appropriate ANTONYM of the given word. Resolute
Ans
$X 1$. Serious
2. Wavering

X 3. Steadfast
4. Brave
Q. 12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Roger went / to an United Kingdom / with his wife / to celebrate Christmas.
Ans
X 1. Roger went
2. to an United Kingdom

X 3. to celebrate Christmas
X 4. with his wife
Q. 13 Some words in the following sentences have been underlined and given as options.

Select the option that contains a spelling error.
Why is everyone so dressed up? What's the occaseon? Is it a wedding?
Ans

1. wedding
2. occaseon
3. everyone
4. dressed
Q. 14 Select the option that can be used as a one-word substitute for the given group of words.
To restrain or compel a person to do something by force.
Ans
X 1. Convoy
X 2. Consensus

- 3. Coerce

X 4. Casualty
Q. 15 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Health insurance are important today since anyone can face a medical emergency without warning.

Ans
X 1. will be important
2. has been important
3. was important
4. is important

Question ID : 26433081324
Option 1 ID : 264330319141
Option 2 ID : 264330319144
Option 3 ID : 264330319143
Option 4 ID : 264330319142
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 16 Select the most appropriate meaning of the given idiom. Spill the beans

Ans

1. To make anything visible
2. To reveal secret information
3. To ruin someone's plan
4. To talk randomly
Q. 17 Select the option that will improve the underlined part of the given sentence. People say different things at different times.

Ans

1. should say fanciful things at different times
2. says delectable things at different times
3. says whimsical things at different times
4. say diverse things at different times
Q. 18 Select the most appropriate ANTONYM of the given word.

Together
Ans

1. Apart
2. United
3. Freight
4. Engulf

Question ID : 264330164274
Option 1 ID : 264330644320
Option 2 ID : 264330644319
Option 3 ID : 264330644322
Option 4 ID : 264330644321 Status: Answered
Chosen Option : 1
Q. 19 Select the most appropriate ANTONYM of the given word. Magnificent
Ans

1. Impressive
2. Peaceful
3. Quiet
4. Modest

Question ID : 264330164171
Option 1 ID : 264330643936
Option 2 ID : 264330643937
Option 3 ID : 264330643938
Option 4 ID : 264330643935
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 20 Select the most appropriate idiom to fill in the blank.

I have all the technical and communication skills necessary to crack any interview; it will be $\qquad$ -
Ans
X 1. a storm in a tea cup
X 2. a chip on my shoulder
3. a hard nut to crack
4. a piece of cake for me
Q. 21 Select the most appropriate idiom for the underlined word segment.

He seems to be undecided about whether to move to another city for better prospects.
Ans

1. Bouncing off the walls
2. Running out of steam
3. Sitting on the fence
4. Counting down the days
Q. 22 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I have a dog and a cow. / A dog is black / but the cow is / black and white.
Ans

1. A dog is black

X 2. black and white
$X$ 3. but the cow is
X4. I have a dog and a cow
Q. 23 Select the most appropriate synonym of the underlined word. Improved rail transport is essential for business.
Ans

1. Recommended
2. Trivial
3. Crucial
4. Technical
Q. 24 Select the most appropriate synonym of the given word.

Desolate
Ans
(1. Fortunate
2. Sturdy
3. Depressive
4. Hopeful

Question ID : 264330163331
Option 1 ID : 264330640623
Option 2 ID : 264330640626
Option 3 ID : 264330640625
Option 4 ID : 264330640624
Status: Answered
Q. 25 Select the option that can be used as a one-word substitute for the given group of words.

An act of exchanging information
Ans

1. Collaboration
2. Communication
3. Touch
4. Hold
Q. 26 Select the correct spelling of the incorrectly spelt word.

They were more often abnoxious than not, impatient with me because my services had been essentially imposed upon them.
Ans

1. obnoxious
2. impatint
3. servises
4. essentialy
Q. 27 Select the most appropriate ANTONYM of the underlined word in the given sentence.

All members of the association adhere to a strict code of practice.
Ans

1. observe
2. cling
3. flout
4. comply

Question ID : 264330117116
Option 1 ID : 264330460534
Option 2 ID : 264330460536
Option 3 ID : 264330460535
Option 4 ID : 264330460533
Status: Answered
Q. 28 Select the most appropriate ANTONYM for the highlighted word. She has a penchant for art and craft.
Ans
X 1. anxiety
2. hatred
3. fear
4. joy
Q. 29 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The team leader tried to remain positive or optimistic in the situation, even though they were facing tough competition and limited resources.

Ans

1. to put a strong hand forward
2. to put on a strong exterior
3. to put a strong desire in front of
4. to put a brave face on
Q. 30 Select the most appropriate ANTONYM of the given word. Superb
Ans
5. Infallible
6. Incorrigible
7. Inferior
8. Splendid

Question ID : 264330164275
Option 1 ID : 264330644325
Option 2 ID : 264330644324
Option 3 ID : 264330644326
Option 4 ID : 264330644323 Status: Answered
Chosen Option: $\mathbf{3}$
Q. 31 Choose the most appropriate meaning of the underlined phrase. He was carried off his feet when he was declared to have won the prize.

Ans

1. Was wild with excitement
2. Was dizzy
3. Became delirious
4. Danced on his toes
Q. 32 Select the most appropriate phrasal verb to fill in the blank. It took seven years for Harish to $\qquad$ his migraine.
Ans
X 1. shake down
5. shake up
6. shake out
7. shake off
Q. 33 Select the most appropriate meaning of the underlined idiom that can be substituted in the following sentence.

The new routine will suit you to a $T$.
Ans
X 1. nicely
X 2. a little bit
2. exactly

X 4. very poorly
Q. 34 Select the most appropriate meaning of the given idiom.

Spill the beans
Ans

1. Sound familiar
2. Fail to make an impact
3. To be very expensive
4. Give away a secret
Q. 35 Replace the underlined segment with the most appropriate idiom/phrase from the following options.

This is the critical point of the issue. One should always be focused on it.
Ans
X 1. Chip off the old block
X 2. A black sheep
3. The crux of the matter

X 4. Don't cry over spilt milk
Q. 36 Select the most appropriate option that can substitute the underlined segment in the given sentence.
I like all games instead of cricket.
Ans
X 1. rather
X 2. exclude
X 3. object

- 4. except
Q. 37 Select the option that can be used as a one-word substitute for the given group of words.

Requiring exceptional skill or caution in performance or handling
Ans

1. Blunt
2. Tricky
3. Sustainable
4. Abstract
Q. 38 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
(1) He could / (2) be pass his exams / (3) if he studied harder. / (4) No error

Ans

1. 2
2. 1
3. 3
4. 4
Q. 39 Select the most appropriate option that can substitute the underlined word which has been incorrectly spelt.
They have begun to study in sepparate rooms.
Ans
X 1. saperate
5. separate

X 3. seprate
X 4. saparate
Q. 40 Select the sentence that has a spelling error.

A- One has to understand the rudimentery fact that intelligence and intellect are at two opposite poles.
B- An intellectual person may have all the knowledge of the world but won't know how to give it a shape.
C- Knowledge will plague the individual if he does not have the intelligence to express
it.
D- Without basic intelligence, an individual is trapped within himself manifesting conflicts and ignorance in the external world.
Ans and ignorance in the external world.
2. An intellectual person may have all the knowledge of the world but won't know how to give it a shape.
X 3. Knowledge will plague the individual if he does not have the intelligence to express it.
4. One has to understand the rudimentery fact that intelligence and intellect are at two
opposite poles.

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Rabindranath Tagore founded a small school at Santiniketan in 1901 and Kala Bhavan, an art school, in 1919 which (1) $\qquad$ became a part of the Visvabharati University founded in 1921. Located in an (2) $\qquad$ village some distance from the city of Calcutta, Kala Bhavan presented an alternative methodology of art training, in which studio based practice was (3) $\qquad$ in favour of learning through observation and living as a part of nature. The
natural surroundings with the (4) $\qquad$ of bare red earth dotted with trees, the colours of
the changing seasons, the animals and birds (5) $\qquad$ inspiration to students.

SubQuestion No: 41
Q. 41 Select the most appropriate option to fill in blank no. 1.

Ans
$X 1$. better
2. later
$X$ 3. faster
$X$ 4. slower

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Rabindranath Tagore founded a small school at Santiniketan in 1901 and Kala Bhavan, an art school, in 1919 which (1) $\qquad$ became a part of the Visvabharati University founded in 1921. Located in an (2) $\qquad$ village some distance from the city of Calcutta, Kala Bhavan presented an alternative methodology of art training, in which studio based practice was (3) $\qquad$ in favour of learning through observation and living as a part of nature. The natural surroundings with the (4) $\qquad$ of bare red earth dotted with trees, the colours of the changing seasons, the animals and birds (5) $\qquad$ inspiration to students.

SubQuestion No: 42
Q. 42 Select the most appropriate option to fill in blank no. 2.

Ans
X 1. normal
X 2. magical
X 3. reliable
4. idyllic

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Rabindranath Tagore founded a small school at Santiniketan in 1901 and Kala Bhavan, an art school, in 1919 which (1) $\qquad$ became a part of the Visvabharati University founded in 1921. Located in an (2) $\qquad$ village some distance from the city of Calcutta, Kala Bhavan presented an alternative methodology of art training, in which studio based practice was (3) $\qquad$ in favour of learning through observation and living as a part of nature. The
natural surroundings with the (4) $\qquad$ of bare red earth dotted with trees, the colours of
the changing seasons, the animals and birds (5) $\qquad$ inspiration to students.

SubQuestion No: 43
Q. 43 Select the most appropriate option to fill in blank no. 3 .

Ans
X 1. accepted
2. rejected

X 3. investigated
X4. aspired

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Rabindranath Tagore founded a small school at Santiniketan in 1901 and Kala Bhavan, an art school, in 1919 which (1) $\qquad$ became a part of the Visvabharati University founded in 1921. Located in an (2) $\qquad$ village some distance from the city of Calcutta, Kala Bhavan presented an alternative methodology of art training, in which studio based practice was (3) $\qquad$ in favour of learning through observation and living as a part of nature. The natural surroundings with the (4) $\qquad$ of bare red earth dotted with trees, the colours of
the changing seasons, the animals and birds (5) $\qquad$ inspiration to students.

SubQuestion No: 44
Q. 44 Select the most appropriate option to fill in blank no. 4.

Ans

1. vistas

X 2. murk
X 3. haze
X4. band

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Rabindranath Tagore founded a small school at Santiniketan in 1901 and Kala Bhavan, an art school, in 1919 which (1) $\qquad$ became a part of the Visvabharati University founded in 1921. Located in an (2) $\qquad$ village some distance from the city of Calcutta, Kala Bhavan presented an alternative methodology of art training, in which studio based practice was (3) $\qquad$ in favour of learning through observation and living as a part of nature. The
natural surroundings with the (4) $\qquad$ of bare red earth dotted with trees, the colours of
the changing seasons, the animals and birds (5) $\qquad$ inspiration to students.

SubQuestion No: 45
Q. 45 Select the most appropriate option to fill in blank no. 5.

Ans
$\times 1$. groomed
X 2. refused
3. provided

X4. agreed

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Mountains occupy about a quarter of the Earth's land, harbour most of its biodiversity hotspots and supply fresh water to an estimated half of humanity. Present on every continent, mountains include a multitude of ecosystems holding many unique species such as snow leopards and mountain gorillas. They are also home to great cultural diversity among people adapted to the challenges of mountain life. Their special traditions and breath-taking scenery attract ever-growing numbers of tourists.
Mountain regions are particularly sensitive to degradation from both human pressures and climate change. Steep slopes mean the clearing of forest for farming, settlements or infrastructure can cause serious soil erosion as well as the loss of habitat. Erosion and pollution harm the quality of water flowing downstream. Climate change threatens the quantity and timing of water supplies to farms, cities, industry and power stations. Fast-rising temperatures are forcing mountain species, ecosystems and the people that depend on them to adapt or migrate.

SubQuestion No: 46
Q. 46 What is the ANTONYM for the word 'diversity' from the passage?

Ans
X 1. Block
X 2. Dilemma
3. Uniformity

X4. Heritage

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Mountains occupy about a quarter of the Earth's land, harbour most of its biodiversity hotspots and supply fresh water to an estimated half of humanity. Present on every continent, mountains include a multitude of ecosystems holding many unique species such as snow leopards and mountain gorillas. They are also home to great cultural diversity among people adapted to the challenges of mountain life. Their special traditions and breath-taking scenery attract ever-growing numbers of tourists.
Mountain regions are particularly sensitive to degradation from both human pressures and climate change. Steep slopes mean the clearing of forest for farming, settlements or infrastructure can cause serious soil erosion as well as the loss of habitat. Erosion and pollution harm the quality of water flowing downstream. Climate change threatens the quantity and timing of water supplies to farms, cities, industry and power stations. Fast-rising temperatures are forcing mountain species, ecosystems and the people that depend on them to adapt or migrate

SubQuestion No : 47
Q. 47 What is the ANTONYM for the word 'migrate' from the passage?

Ans

1. Stay
2. Run
3. Die
4. Assume

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Mountains occupy about a quarter of the Earth's land, harbour most of its biodiversity
hotspots and supply fresh water to an estimated half of humanity. Present on every continent, mountains include a multitude of ecosystems holding many unique species such as snow leopards and mountain gorillas. They are also home to great cultural diversity among people adapted to the challenges of mountain life. Their special traditions and breath-taking scenery attract ever-growing numbers of tourists.
Mountain regions are particularly sensitive to degradation from both human pressures and climate change. Steep slopes mean the clearing of forest for farming, settlements or infrastructure can cause serious soil erosion as well as the loss of habitat. Erosion and pollution harm the quality of water flowing downstream. Climate change threatens the quantity and timing of water supplies to farms, cities, industry and power stations. Fast-rising temperatures are forcing mountain species, ecosystems and the people that depend on them to adapt or migrate.

SubQuestion No : 48
Q. 48 Which is the best description of the tone of the passage?

Ans
$X$ 1. Laudatory
X 2. Emotional
$X$ 3. Biased
4. Humanistic


## Comprehension:

Read the given passage carefully and answer the questions that follow.
Mountains occupy about a quarter of the Earth's land, harbour most of its biodiversity hotspots and supply fresh water to an estimated half of humanity. Present on every continent, mountains include a multitude of ecosystems holding many unique species such as snow leopards and mountain gorillas. They are also home to great cultural diversity among people adapted to the challenges of mountain life. Their special traditions and breath-taking scenery attract ever-growing numbers of tourists.
Mountain regions are particularly sensitive to degradation from both human pressures and climate change. Steep slopes mean the clearing of forest for farming, settlements or infrastructure can cause serious soil erosion as well as the loss of habitat. Erosion and pollution harm the quality of water flowing downstream. Climate change threatens the quantity and timing of water supplies to farms, cities, industry and power stations. Fast-rising temperatures are forcing mountain species, ecosystems and the people that depend on them to adapt or migrate

SubQuestion No : 49
Q. 49 Which of the following represents the structure of the passage?
$X$ 1. Chronological
$X$ 2. Definition
X 3. Compare and contrast
4. Cause-effect

## Comprehension:

Read the given passage carefully and answer the questions that follow.
Mountains occupy about a quarter of the Earth's land, harbour most of its biodiversity
hotspots and supply fresh water to an estimated half of humanity. Present on every continent, mountains include a multitude of ecosystems holding many unique species such as snow leopards and mountain gorillas. They are also home to great cultural diversity among people adapted to the challenges of mountain life. Their special traditions and breath-taking scenery attract ever-growing numbers of tourists.
Mountain regions are particularly sensitive to degradation from both human pressures and climate change. Steep slopes mean the clearing of forest for farming, settlements or infrastructure can cause serious soil erosion as well as the loss of habitat. Erosion and pollution harm the quality of water flowing downstream. Climate change threatens the quantity and timing of water supplies to farms, cities, industry and power stations. Fast-rising temperatures are forcing mountain species, ecosystems and the people that depend on them to adapt or migrate.

SubQuestion No : 50
Q. 50 Which of the following most accurately states the central idea of the passage?

Ans
$X$ 1. Pollution
2. Mountain ecosystem
$X$ 3. Biodegradation
$X$ 4. Climate change



[^0]:    Section: Quantitative Aptitude

[^1]:    Section: General Knowledge and General Awareness

[^2]:    Section : Quantitative Aptitude

[^3]:    Section: General Knowledge and General Awareness

[^4]:    Section : English Comprehension

[^5]:    Section : Quantitative Aptitude

