## Adda247

Sub Inspector in Delhi Police and Central Armed Police Forces Examination 2024 Paper I Exam

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | iON Digital Zone iDZ Tupudana |
| Exam Date | 29/06/2024 |
| Exam Time | 4:00 PM - 6:00 PM |
| Subject | SICPO Paper I 2024 |

Section: General Intelligence and Reasoning
Q. 1 Which two signs should be interchanged to make the given equation correct?
$30+3 \times 990-11 \div 63=237$
Ans $\times 1 . \times$ and +
2. $\div$ and -

X 3 . - and $\times$
X4. + and -

Question ID : $\mathbf{6 3 0 6 8 0 4 1 1 8 0 0}$
Option 1 ID : 6306801606038
Option 2 ID : 6306801606035
Option 3 ID : 6306801606037
Option 4 ID : 6306801606036
Status : Answered
Chosen Option : 2
Q. 2 Six students - P, Q, R, S T and U-are sitting around a circular table, facing the centre.
$Q$ is sitting second to the left of $U$
$T$ is sitting third to the right of $P$.
$P$ is the immediate neighbour of $Q$ and $U$.
$S$ is not the neighbour of $U$. Who among the following is the neighbour of both $U$ and T?
Ans
X1.P
X2. S

- 3. $R$

X4. Q


Question ID : 630680416858
Option 1 ID : 6306801626195
Option 2 ID : 6306801626198
Option 3 ID : 6306801626197
Option 4 ID: 6306801626196
Status: Answered
Q. 3 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure which would most closely resemble the unfolded form of the paper.


Ans


Question ID : 630680329011
Option 1 ID : 6306801279997
Option 2 ID : 6306801279999
Option 3 ID : 6306801280000
Option 4 ID : 6306801279998 Status : Answered
Q. 4 In a code language, 'TREE' is written as 'WSHF', and 'BALL' is written as 'EBOM'. How will 'WALL' be written in that language?
Ans
X 1 . ZOMB
2. ZBOM
3. MOZB
4. OZBM
Q. 5 In a certain code language,
' $A \times B$ ' means ' $A$ is the son of $B$ ',
'A - B' means ' $A$ is the brother of $B$ ',
' $A+B$ ' means ' $A$ is the wife of $B$ ',
' $A$ \% $B$ ' means ' $A$ is the father of $B$ '.
How is $M$ related to $T$ if ' $M \times N \% P-S+T$ '?
Ans
X 1. Wife's father's mother's brother
X 2. Brother's wife's mother's father
3. Wife's brother

X 4. Wife's mother's father
Q. 6 In a certain code language,
$A+B$ means ' $A$ is the mother of $B$ '
$A-B$ means ' $A$ is the brother of $B$ '
$A \times B$ means ' $A$ is the wife of $B$ '
$A \div B$ means ' $A$ is the father of $B$ '
Based on the above, how is $R$ related to $U$ if ' $U-P \times Q \div R+S-T$ '?
Ans
X 1. Daughter
2. Sister's daughter
3. Wife's sister
4. Sister
Q. 7 Which of the following letter-clusters will replace the question mark (?) in the given series? aaabcccccccc, aaabbcccc, aaabbbbcc, ?
Ans
X 1. aabbbbbbbbc
2. aaabbbbbbccc
3. aaabbbbbbbbbc
4. aaabbbbbbbcc
Q. 8 Kiara starts from Point $A$, which is 5 km towards the north of $Z$. From Point $A$, she turns towards the east and drives 8 km . She then takes a right turn and drives 9 km . Finally, she takes a right turn, drives for 15 km and stops at Point B. In which direction is Point $B$ with respect to Point $Z$ ?
Ans
X 1. North-East
2. South-West

X 3. South
X 4. North-West
Q. 9 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 scanners are printers.
Some scanners are copiers.
Conclusions:

I. Some printers are copiers.
II. No copier is a printer.
III. Some printers are scanners.

Ans
X 1. All of the conclusions follow
X 2. Only conclusions I and II follow
3. Only conclusions I and III follow
4. Only conclusions II and III follow
Q. 10 A sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?


Ans

Q. 11 In a certain code language, 'NODE' is coded as ' 6297 ' and 'BONE' is coded as ' 9716 ' What is the code for ' $D$ ' in that language?
Ans $\quad \times 1.6$

- 2.2
$\times 3.7$
$\times 4.1$
Q. 12 Which of the following terms will replace the question mark (?) in the given series? DIQ, EJR, FKS,?

Ans

1. GLT
2. DKO
3. ETH
4. DLS

Question ID : 630680417066
Option 1 ID : $\mathbf{6 3 0 6 8 0 1 6 2 7 0 3 0}$
Option 2 ID : 6306801627028
Option 3 ID : 6306801627027
Option 4 ID : 6306801627029
Status: Answered
Chosen Option: 1
Q. 13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.
hYRawK $\left.\right|_{N} ^{M}$

Ans
จ1. $\boldsymbol{\lambda} \mathbf{w} \boldsymbol{6} \boldsymbol{Я} \boldsymbol{Y} \boldsymbol{H}$




Question ID : 630680356642
Option 1 ID : 6306801388571
Option 2 ID : 6306801388569
Option 3 ID : 6306801388570
Option 4 ID : 6306801388572
Status : Answered
Chosen Option: 1
Q. 14 Which letter cluster will replace the question mark (?) to complete the given series?

TEKS, YLBD, ?, IZJZ, NGAK
Ans
X 1.JKDO
2. DSSO

X 3. DXTO
X4.FGCW
Q. 15 If + means,-- means $\times, \times$ means $\div, \div$ means + , what will come in place of the question mark (?) in the given equation.
$60+378 \times 18 \div 23-2=$ ?
Ans

1. 85
$\times 2.58$
$\times 3.57$
$\times 4.75$
Q. 16 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster does not belong to that group?
(Note: The odd letter-cluster is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
X 1. IFM
2. OLR
3. TQX
4. GDK

Q. 17 Identify the figure given in the options which when put in place of (?) will logically complete the series.

| $Y$ |  | $A$ |
| :--- | :--- | :--- |
|  | $X$ |  |
| $K$ |  | $D$ |


$\square$

| $D$ |  | $K$ |
| :--- | :--- | :--- |
|  | $A$ |  |
| $Y$ |  | $X$ |

$\square$

Ans
$\times 1$

$\times 2$.


- 3. 


$\times 4$.

Q. 18 Which of the following numbers will replace the question mark (?) in the given series?

| 167 | 117 | $?$ | 47 | 27 |
| :--- | :--- | :--- | :--- | :--- |

Ans

- 1.77
$\times 2.87$
$\times 3.37$
X4. 107
Q. 19824 is related to 329 following a certain logic. Following the same logic, 271 is related to 505 . Which of the following numbers is related to 408 using the same logic?
Ans $\times 1.612$
$\times 2.434$

3. 822
$\times 4.325$
Q. 20 In a code language, 'KIRAT' is coded as $50-40-85-0-95$ and 'WASIM' is coded as 110-0-90-40-60. How will 'MRINAL' be coded in the same language?
Ans
X 1. 85-40-50-75-0-65
X 2. 55-60-45-65-0-85
X 3. 75-50-60-55-0-65
4. 60-85-40-65-0-55

Q. 21 The sequence of folding a 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. 22 Ajay starts from Point A and drives 10 km towards North. He then takes a right turn, drives 3 km , turns right and drives 15 km . He then takes a right turn and drives 8 km . He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he now drive to reach Point A again? (All turns are $90^{\circ}$ turns only.)

Ans
1.5 km towards East

X 2. 3 km towards West
3.5 km towards West
4. 3 km towards East
Q. 23 Select the number from among the given options that can replace the question mark
(?) in the following series.
53, 62, 77, 98, ?
Ans
X1.123
$\times 2.121$
$\times 3.122$

- 4.125

Question ID : 630680411913
Option 1 ID: 6306801606489
Option 2 ID : 6306801606487
Option 3 ID : 6306801606488
Option 4 ID : 6306801606490
Status: Answered
Chosen Option : 4
Q. 24 In a certain code language, 'bring the bags' is written as ' nd sm pf ' and 'bags of gold' is written as 'rg tx sm'. How is 'bags' written in the given language?
Ans
X1.rg
X 2. nd
3. sm

X4.pf
Q. 25 In a code language, 'SERIES' is coded as 87 and 'DISMAY' is coded as 91 . How will 'SPRINT' be coded in the same language?
Ans

- 1.66

Q. 26 What will come in place of the question mark (?) when + and - are interchanged and 8 and 16 are also interchanged?
$3 \times 6+16-8 \div 2=$ ?
Ans
- 1.18
$\times 2.20$

3. 19
4. 17
Q. 27 A transparent sheet with a pattern is given below. Select the option that depicts the pattern that would appear when the given transparent sheet is folded at the middle vertical line.


Ans

Q. 28 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.
1- Junction
2- Jupiter
3- Jungle
4- Jump
5- Juncture
Ans $\times 1.1,5,4,2,3$
X 2. 4, 5, 1, 3, 2
X 3.1,5,3,2, 4
4. $4,1,5,3,2$

Option 1 ID : 6306801627615
Option 2 ID : 6306801627616
Option 3 ID : 6306801627618
Option 4 ID : 6306801627617
Q. 29 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Larkiness
2. Larcenist
3. Larceners
4. Lariated
5. Laryngal
6. Largely

Ans
X 1.3,2, 1, 4, 6, 5
X2.3,2, 1, 6, 4, 5
X 3.3,2,4,1,6,5
4. $3,2,6,4,1,5$

Question ID : 630680417425
Option 1 ID : 6306801628464
Option 2 ID : 6306801628466
Option 3 ID : 6306801628463
Option 4 ID : 6306801628465
Status: Answered
Chosen Option : 4
Q. 30 If ' $I$ ' stands for ' $x$ ', ' $J$ ' stands for ' + ', ' $K$ ' stands for ' $\div$ ' and ' $L$ ' stands for ' - ', what will come in place of the question mark (?) in the following equation?
(40 J 32 K 4) I 5 L 155 J 7 I $9=$ ?
Ans
X 1.126
2. 156
3. 134
4. 148
Q. 31 Select the number from among the given options that can replace the question mark
(?) in the following series.
22, 27, 37, 52, 72, ?
Ans
-1.97
$\times 2.95$
$\times 3.100$
$\times 4.92$
Q. 32 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.
50-130
Ans
X1.35-120
2. $60-120$

X 3.30-80
X4.75-110
Q. 3324 is related to 8 following a certain logic. Following the same logic, 54 is related to 20 . Which of the following numbers is related to 18 using the same logic?
Ans
$\times 1.12$
$\times 2.42$

- 3.63

4. 26

Q. 34 If + means,-- means $\times, \times$ means $\div, \div$ means + , what will come in place of the question mark (?) in the given equation?
$180 \times 60-33 \div 1+50=?$
Ans
$\times 1.40$
$\times 2.55$
$\times 3.51$

- 4.50
Q. 35 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.
ABIDE : GFKDC :: CHARM : OTCJE :: BLOOM : ?
Ans

1. OQQND

X 2. OPQND
X 3. DNQQO
X4. OQQDN

Q. 36 Select the Venn diagram that best illustrates the relationship between the following classes.
Painters, Men, Women
Ans
$\times 1$.

$\times 2$.

$\times 3$.

$\checkmark 4$.


Question ID : 630680869734
Option 1 ID : 6306803406302
Option 2 ID : 6306803406304
Option 3 ID : 6306803406303
Option 4 ID : 6306803406305 Status: Answered
Chosen Option : 4
Q. 37 In a certain code language, 'BYE' is written as ' 32 ' and 'ANGER' is written as ' 45 '. How will 'LOVE' be written in that language?
Ans
1.54
$\times 2.39$
$\times 3.46$
$\times 4.37$
Q. 38 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 /deleting /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.)
(599, 236, 363)
$(481,145,336)$
Ans

1. $(641,314,327)$
2. $(612,278,344)$
3. $(547,217,310)$
4. $(426,159,287)$
Q. 39 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.
DIETY : CJFSX :: GRACE : FQBBF :: GLORY : ?
Ans
5. FKMQX
6. FKRQX
7. FKPQX
8. FKPSX
Q. 40 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 plastics are fibres.
Some fibres are leathers.
Conclusions:
I. Some plastics are leathers
II. Some fibres are plastics.

Ans 1. Only conclusion II follows
X 2. Neither conclusion I nor II follows
3. Only conclusion I follows
4. Both the conclusions follow
Q. 41 Identify the figure given in the options which when put in place of '?' will logically complete the series.


Ans

$\times 2$

v 3.

$\times 4$.


Question ID : 630680366164
Option 1 ID : 6306801426181
Option 2 ID : 6306801426183
Option 3 ID : 6306801426184
Option 4 ID : 6306801426182
Status : Answered
Chosen Option: 1
Q. 42 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 carroms are ludos.
All ludos are scrabbles.

## Conclusions:

I. Some carroms are not scrabbles.
II. Some scrabbles are carroms.

Ans

1. Only conclusion II follows

X 2. Only conclusion I follows
X 3. Both conclusions I and II follow
X 4. Neither conclusion I nor II follows
Q. 43 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

## Gry4d7

## N

Ans
$x$ 1. 「4dyy
$\times 2 . \operatorname{b} \boldsymbol{D} \boldsymbol{\gamma} \mathbf{q}$

- 「bमүч

Q. 44 If + means,-- means $\times, \times$ means $\div, \div$ means + , what will come in place of the question mark (?) in the given equation?
$99 \times 33-70 \div 90+100=?$
Ans
$\times 1.100$
X 2.201
$\times 3.300$

4. 200

| Question ID : 630680154561 |
| :---: |
| Option 1 ID : 630680598050 |
| Option 2 ID : 630680598051 |
| Option 3 ID : 630680598049 |
| Option 4 ID : 630680598048 |
| Status : Answered |

Q. 45 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/deleting/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)
$(112,56,8)$
$(196,98,14)$
Ans

1. $(294,147,21)$
2. $(294,147,19)$
3. $(294,149,21)$
4. $(292,147,21)$
Q. 46 Which of the following interchanges of signs would make the given equation correct? $3-15+10 \div 2 \times 7=43$

Ans
$\times 1 . \div$ and $\times$
2. + and $\times$
3. - and $x$
4. - and +
Q. 47 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.


Ans

$\times 4$


Q. 48 Select the figure from among the given options that can logically replace the question mark (?) in the following series.

| $\mu$  $\%$ <br>  $\#$  | $\begin{array}{llll}\mathrm{x} & & \\ & \# \\ & & \mu & \\ & \end{array}$ | 1  $\mu$ <br>    <br>    | $\begin{array}{llll}\% & & \\ & \\ & ! & \end{array}$ | ? |
| :---: | :---: | :---: | :---: | :---: |
| x $\quad$ ! | $!\quad$ \% | \% \# | \# $\quad \boldsymbol{\mu}$ |  |

Ans


Question ID : 630680867756
Option 1 ID : 6306803398670
Option 2 ID : 6306803398671
Option 3 ID : 6306803398669
Option 4 ID : 6306803398668
Status: Answered
Chosen Option : 2
Q. 49 Which of the following numbers will replace the question mark (?) in the given series?
$10,50,250,1250,6250$,?
Ans $\times 1.61250$

- 2.31250

X 3.21250
$\times 4.91250$

Question ID : 630680411769
Option 1 ID : 6306801605912
Option 2 ID : 6306801605913
Option 3 ID : 6306801605914
Option 4 ID : 6306801605911
Status: Answered
Chosen Option : 2
Q. 50 Select the correct mirror image of the given figure when the mirror is placed at MN.

Yh4g7b $\left.\right|_{N} ^{M}$
Ans

1. $d$ dgaty
$X$ 2. $d$ rg $\boldsymbol{A} \boldsymbol{h}$
$X$ 3. $d \Gamma g t d Y$
X4. $\mathrm{drg} \boldsymbol{\mathrm { CH }} \mathrm{H}$

Question ID: 630680325841
Option 1 ID : 6306801267560
Option 2 ID : 6306801267559
Option 3 ID : 6306801267558
Option 4 ID : 6306801267557
Status : Answered
Chosen Option: 1

Section: General Knowledge and General Awareness
Q. 1 Which of the following organisms can initiate ecological succession even in bare rocks?
Ans $\times 1$. Orchids
2. Lichens

X 3. Aspergillums
X 4. Lily
Q. 2 In which of the following parts of India are thorn forests and scrub forests found?

Ans
X 1. North-eastern India
X 2. South-western India
3. North-western India
4. South-eastern India
Q. 3 Match column A with column B.

Column-A
i. Lemon Column-B
a. Tartaric acid
ii. Milk
b. Citric acid
iii. Vinegar
c. Lactic acid
iv. Tamarind
d. Acetic acid

Ans

1. i-b, ii-a, iii-c, iv-d

X 2. i-a, ii-b, iii-c, iv-d
X 3. i-d, ii-c, iii-b, iv-a
4. i-b, ii-c, iii-d, iv-a

Q. 4 What is the chemical formula for butane?

Ans
$\times 1 . \mathrm{C}_{2} \mathrm{H}_{10}$
$\times 2 . \mathrm{C}_{4} \mathrm{H}_{8}$
X 3. $\mathrm{C}_{2} \mathrm{H}_{6}$

- 4. $\mathrm{C}_{4} \mathrm{H}_{10}$

Option 1 ID : 630680522516
Option 2 ID : 630680522515
Option 3 ID : 630680522517
Option 4 ID : 630680522514
Q. 5 Choose the correct statements about the Western Ghats.
a. The height of the Western Ghats progressively increases from north to south.
b. Mahendragiri is the highest peak in the Western Ghats.
c. The Western Ghats are higher than the Eastern Ghats.
d. The height of the Western Ghats progressively decreases from north to south.

Ans $\times 1$. Only c and d
2. a and c
3. $a$ and $b$
4. b, c and d
Q. 6 What is the colour of the antenna used on the volleyball net?

Ans 1. Red and white
X 2. Black and white
X 3. Green and white
4. Yellow and black
Q. 7 Of the total water content available globally, how much percentage of water is received from freshwater resources?
Ans

Q. 8 In 2011-12, what percentage of Indian workforce was engaged in secondary sector?

Ans
$\times 1.15 .8 \%$
$\times 2.60 .4 \%$
$\times$ 3. $30.0 \%$
4. $24.3 \%$

Question ID : 630680115727
Option 1 ID : 630680448247
Option 2 ID : 630680448246
Option 3 ID : 630680448249
Option 4 ID : 630680448248
Status : Not Answered
Chosen Option: --
Q. 9 Pulakeshin II belonged to which of the following dynasties?

Ans 1. Chalukya
2. Pandya
3. Chera
4. Rashtrakuta
Q. 10 LakshyaSen was born in $\qquad$ .

Ans

1. Uttarakhand
2. Telangana
3. Himachal Pradesh


Question ID : 630680396989
Option 1 ID: 6306801548012
Option 2 ID : 6306801548015
Option 3 ID : 6306801548014
Option 4 ID : 6306801548013
Status : Not Answered
Chosen Option: --
Q. 11 The Great Indian desert/Thar desert is located on the western margin of which of the following mountain ranges?
Ans $\quad$ 1. Eastern ghats
2. Aravalli range

X 3. Vindhya range
4. Satpura range
Q. 12 As of December 2022, the 'Kalidas Samman' award is given in the field of art by the government of which Indian state?

Ans
X 1. Telangana
2. Madhya Pradesh
3. Rajasthan
4. Tamil Nadu
Q. 13 What do the words 'aus', 'aman' and 'boro' signify in the context of agricultural calendar in India?

Ans

1. Types of seasons of sowing rice in West Bengal
2. Types of traditional wells in Gujarat
3. Types of alluvial soils in the Gangetic plains
4. Types of harvest festivals in Assam

Question ID : 630680409636
Option 1 ID : 6306801597374
Option 2 ID : 6306801597376
Option 3 ID : 6306801597373
Option 4 ID : 6306801597375
Status : Not Answered
Chosen Option : --
Q. 14 Directive Principles of State Policy comes under which Article?

Ans
X 1. Article 14-35
2. Article 36-51
$\times$ 3. Article 34-50
X 4. Article 12-35

Question ID : 630680408282
Option 1 ID : 6306801592023
Option 2 ID : 6306801592025
Option 3 ID : 6306801592026
Option 4 ID : 6306801592024 Status : Answered
Chosen Option : 2
Q. 15 In which of the following months of the Hindu calendar is the festival of Holi celebrated?
Ans
X 1. Sravana
2. Magha
3. Asadha
4. Phalguna
Q. 16 If the value/percentage of the cash reserve ratio falls, then the value of money multiplier $\qquad$ —.
Ans $\quad$ 1. remains stable
2. None of the above
3. falls
4. rises

Question ID : 630680407147
Option 1 ID : 6306801587532
Option 2 ID : 6306801587533
Option 3 ID : 6306801587530
Option 4 ID : 6306801587531
Status: Not Answered
Chosen Option : --
Q. 17 How many fundamental duties were added by the $42^{\text {nd }}$ Constitution Amendment Act, 1976?

Ans $\times 1.12$
2. 10
$\times 3.14$
4.8
Q. 18 Which of the following is known as the steel city in India?

Ans
X 1. Mumbai
X 2. Ranchi

Q. 19 Who among of the following is the author of the book Making India Awesome?

Ans
X 1. Aravind Adiga
2. Vikram Seth
3. Chetan Bhagat
4. Siddhartha Mukherjee
Q. 20 What distinguishes a bank from other financial institutions?

Ans

1. Accepting deposits

X 2. Accepting loans and borrowings
$X$ 3. Lending
4. Providing long term loans
Q. 21 Which of the following options is NOT correctly matched?

Ans
X 1. Chilika Lake - Odisha
X 2. Wular lake - Jammu and Kashmir
3. Sardar Sarovar Lake - Karnataka

X 4. Vembanad Lake - Kerala
Q. 22 As per Census 2011, what is the percentage of rural population in India?

Ans
X 1.65.2\%
2. $68.8 \%$
$\times 3.59 .3 \%$
X 4.52.4\%

Q. 23 Deepa Kartha represents $\qquad$ dance.
Ans
X 1. Odissi
X 2. Manipuri
3. Kathak
4. Sattriya

Question ID : 630680216132
Option 1 ID : 630680838506
Option 2 ID : 630680838503
Option 3 ID : 630680838505
Option 4 ID : 630680838504
Status: Not Answered
Chosen Option : --
Q. 24 Which of the following revolutionists was associated with the Anushilan Samiti?

Ans
X 1. Bhagat Singh
2. Jatindra Mohan Sengupta

X 3. Rajguru
X 4. Sukhdev
Q. 25 The concept of limited government is a major advancement to protect the $\qquad$ of the citizens from the ruling governments.
Ans

1. fundamental rights

X 2. separation of power
X 3. check and balance
4. fundamental duties
Q. 26 Who discovered a principle that states that the buoyant force on an object is equal to the weight of the fluid displaced by the object?
Ans
X 1. Niels Bohr
X 2. Isaac Newton

Q. 27 Dharmapala is known to have founded which of the following universities near Bhagalpur in Bihar?
Ans
X 1. Takshila
X 2. Valabhi
X 3. Nalanda
4. Vikramashila
Q. 28 'The forty minutes raga' is an album composed by $\qquad$ .
Ans $\quad$ 1. Amjad Ali Khan
2. Ali Akbar Khan

X 3. Hariprasad Chaurasia
4. Bhimsen Joshi
Q. 29 According to Dalton, which of the following represents the Phosphorus element?
a

b

C

d


Ans

1. C
$\times 2$ b
X 3.d
$\times 4$ a

Question ID : 630680210469
Option 1 ID : 630680816037
Option 2 ID : 630680816036
Option 3 ID : 630680816038
Option 4 ID : 630680816035 Status : Not Answered
Chosen Option : --
Q. 30 Which of the following is NOT true with regard to the Green Revolution?

Ans
$\chi$ 1. Cultivation became more intensive in nature.
2. Cultivation became more extensive in nature

X 3. In its second phase, there was a shift to from dry to wet (irrigated) cultivation in dry and semi-arid regions of India.

X 4. There was change in the cropping pattern and types of crops grown in its second
phase.
Q. 31 Which of the following scientists grouped the elements into triads?

Ans
X 1. Henry Moseley
X 2. Dimitri Mendeleev
3. Johann Wolfgang Dobereiner

X 4. John Newlands

Option 1 ID : 630680201445
Option 2 ID : 630680201444
Option 3 ID : 630680201442
Option 4 ID : 630680201443
Status : Not Answered
Chosen Option : --
Q. 32 Who among the following wrote the book 'Chanakya's Chant'?

Ans
X 1. Amish Tripathi
X 2. Samit Basu
3. Ashwin Sanghi

X 4. Novoneel Chakraborty

Question ID : 630680409377
Option 1 ID : 6306801596337
Option 2 ID : 6306801596340
Option 3 ID : 6306801596338
Option 4 ID : 6306801596339
Status : Not Answered
Chosen Option : --
Q. 33 Which festival comes at the end of Navratri and Durga Pooja?

Ans

1. Dussehra
2. Christmas
3. Pongal
4. Holi

Q. 34 Special Drawing Rights are also known as $\qquad$ —.

Ans

1. Paper Gold
2. Golden Papers
3. International Reserves Money
4. Gold Papers

Question ID : 630680407167
Option 1 ID : 6306801587613
Option 2 ID : 6306801587610
Option 3 ID : 6306801587612
Option 4 ID : 6306801587611
Q. 35 Which instrument was used to measure economic growth during the planning era?

Ans

1. Gross Domestic Product

X 2. Per Capita Gross Domestic Product
X 3. Per Capita Income
4. National Income
Q. 36 Identify the structure that controls the size of the pupil.

Ans $\times 1$. Vitreous humour
2. Iris
3. Ciliary muscles
4. Cornea

Question ID : 63068074764
Option 1 ID : 630680289214
Option 2 ID : 630680289212
Option 3 ID : 630680289211
Option 4 ID : 630680289213
Status: Answered
Q. 37 What is the size of a standard table tennis ball?

Ans
$\times 1.42 \mathrm{~mm}$
2.39 mm
3. 40 mm
$\times 4.41 \mathrm{~mm}$

Q. 38 Begum Akhtar a famous singer from India is known for which of the following genres?

Ans
1 1. Sufi music
2. Folk music
3. Ghazal music
4. Carnatic music
Q. 39 Which Article of the Indian Constitution deals with the annual financial statement of the Government of India?
Ans $\quad$ 1. Article 110
2. Article 112

X 3. Article 116
X 4. Article 120
Q. 40 What is the correct way to mix acid and water?

Ans 1. The acid must be slowly added to the water.
X 2. The water must be heated before mixing.
$\times 3$. The water must be added to the acid.
4. The acid must be heated before mixing.

Question ID : 630680407494
Option 1 ID : 6306801588916
Option 2 ID : 6306801588914
Option 3 ID : 6306801588915
Option 4 ID : 6306801588917 Status : Answered
Chosen Option: 1
Q. 41 Kandariya Mahadeva temple at Khajuraho was built under which of the following dynasties?
Ans

1. Solanki
2. Rashtrakuta

Q. 42 Who among the following was the co-winner of Bharat Ratna with Lata Mangeskar in the year 2001?
Ans
X 1. Bhimsen Joshi
X 2. Asha Bhosle
X 3. Ravi Shankar
3. Bismillah Khan
Q. 43 Who among the following personalities was awarded the Sangeet Natak Akademi Award (for her contribution to Manipuri Dance)?
Ans $\times 1$. Urmila Nagar
X 2. Nirmala Ramachandran
4. Mallika Sarabhai
5. Kalavati Devi
Q. 44 Which of the following statements are correct regarding the special powers of the Governors according to the Indian Constitution?
A.The Governor of Nagaland shall have special responsibility related to law and order in the State.
B.The Governor of Manipur will submit a special annual report to the President on the administration of hilly areas in the State.
C.The Governor of Sikkim shall have special responsibility for peace and for an equitable arrangement for ensuring the social and economic advancement of different sections.
D.The Governor of Arunachal Pradesh shall have special responsibility with respect to law and order in the State of Arunachal Pradesh.
Ans
X 1. A, B and C only
6. A, B, C and D


Question ID : 630680407491
Option 1 ID: 6306801588904
Option 2 ID : 6306801588902
Option 3 ID : 6306801588905
Option 4 ID : 6306801588903
Status : Not Answered
Chosen Option: --
Q. 46 International Army Games - 2021 was held in which of the following countries from 22 August to 4 September?

Ans
(1. India
2. Uzbekistan
3. Russia
4. Belarus

Question ID : 630680115910
Option 1 ID : 630680448973
Option 2 ID : $\mathbf{6 3 0 6 8 0 4 4 8 9 7 2}$
Option 3 ID : $\mathbf{6 3 0 6 8 0 4 4 8 9 7 0}$
Option 4 ID : 630680448971
Status: Not Answered
Chosen Option : --
Q. 47 Which of the following was widely considered as the 'heaven born service' for Indians during British rule?
Ans

1. Military service on the Burma front
$X$ 2. The Indian Judicial Service
2. The British Indian Army
3. The Indian Civil Service or ICS
Q. 48 What Article of the Indian Constitution provides that the State Governor has the authority to reserve a bill for the consideration of the President?
Ans $\times 1$. Article 267
4. Article 200

X 3. Article 181
× 4. Article 190

Q. 49 Who among the following founded the Muhammedan Anglo-Oriental College in Aligarh for the spread of Western education?
Ans $\quad$ 1. Syed Ameer Ali
X 2. Maulana Abul Kalam Azad
3. Sir Syed Ahmed Khan
4. Badrudeen Tyabji
Q. 50 Who among the following Bharatnatyam dancers was bestowed with the title of Asthana Narthaki (Resident Dancer) by the Tirumala Tirupati Devasthanam temple?
Ans

1. Yamini Krishnamurthy
2. Padma Subramanyam
3. Rita Ganguly
4. Indrani Rahman

## Section : Quantitative Aptitude

Q. 1

$$
\frac{61+\frac{2}{5} \times 75 \div 6-\left(3 \times 6 \div \frac{1}{3}\right) \times \frac{1}{6}}{5+\frac{2}{3} \times(58-37)} \text { is: }
$$

The value of
Ans

- 1.3
$\times 2.11$
$\times 3.19$

4. 57
Q. 2 An alloy contains the metals $A, B$ and $C$ in the ratio 2:3:1 and another contains the metals $B, C$ and $D$ in the ratio $5: 4: 3$. If equal weights of both alloys are mixed together to form a third alloy, then how much part of the metal $B$ is in new alloy?
Ans
5. $\frac{1}{8}$
×2. $\frac{1}{6}$
6. $\frac{3}{24}$
7. $\frac{11}{24}$
Q. 3

What is the value of $\frac{[(\sin x+\sin y)(\sin y-\sin x)]}{[(\cos x+\cos y)(\cos y-\cos x)]}$ ?

$$
[(\cos x+\cos y)(\cos y-\cos x)] ?
$$

Ans

- 1. -1
$\times 2.0$
$\times 3.2$
$\times 4.1$
Q. 4 The length of a side of an equilateral triangle is 18 cm . The area (in $\mathrm{cm}^{2}$ ) of the region lying between the circumcircle and the incircle of the triangle is [use $\pi=\frac{22}{7}$ ]

Ans

1. $254 \frac{4}{7}$

X2. $254 \frac{3}{7}$
× 3. $254 \frac{2}{7}$
X4. $254 \frac{1}{7}$
Q. 5 In a sweet, one-third is sugar. If the price of sugar now is $\frac{7}{6}$ of the previous price, what is the effective percentage increase in the cost of the sweet?

Ans
$\times 1 . \frac{200}{9} \%$
$\times 2 . \frac{100}{3} \%$
3. $\frac{100}{18} \%$
$\times 4 . \frac{100}{9} \%$
Q. 6 The following pie chart represents the data of movies released in a city throughout a year.

Movies Released


- Jan-Mar \# Apr-Jun ㅍJul-Sep $\quad$ Oct-Dec

The combined angle made by Jan-Mar and Jul-Sep is $\qquad$ than the combined angle made by Apr-Jun and Oct-Dec.
Ans
$X 1.40^{\circ}$ more
$\times 2.80^{\circ}$ more
X $3.80^{\circ}$ less
4. $40^{\circ}$ less
Q. 7 The following table gives information of Panchayat elections held in four villages $P, Q, R$ and $S$.

| Villages | Total available <br> votes (in <br> thousands) | Votes polled (in \%) | Valid votes (in \%) |
| :--- | :--- | :--- | :--- |
| P | 40 | 80 | 90 |
| Q | 50 | 90 | 80 |
| R | 60 | 75 | 80 |
| S | 80 | 80 | 85 |

Find the ratio of invalid votes of village $P$ to that of village $S$.
Ans

1. 1:3

X 2. $2: 3$
X 3.1:2
4. 3:4

Question ID : 630680428301
Option 1 ID : 6306801671250
Option 2 ID : 6306801671251
Option 3 ID : 6306801671248
Option 4 ID : 6306801671249
Q. 8 Simplify the given expression.
$\frac{53-\frac{2}{7} \text { of } 63-9}{72-\frac{2}{5} \text { of }(96-31)}$
Ans

1. $\frac{13}{23}$
2. $\frac{7}{23}$
3. $\frac{11}{23}$
4. $\frac{26}{23}$

Q. 9 A dishonest dealer claims to sell his products at $24 \%$ loss on the cost price but uses 100 g weight instead of 200 g weight. His profit percentage is:
Ans
X 1. $55 \%$
5. $52 \%$

X 3. $40 \%$
$\times 4.48 \%$
Q. 10

If $x^{2}-6 x-1=0$, then find the value of $x^{2}+\frac{1}{x^{2}}-8$.
Ans
$\times 1.34$
$\times 2.32$
$\times 3.28$
4. 30
Q. 11 The side $P R$ of a $\triangle P Q R$ is extended to $S$ such that $Q R=R S$. If $\angle P R Q=86^{\circ}$, then find the value of $\angle P S Q$.

Ans

1. $43^{\circ}$
2. $86^{\circ}$
$3.54^{\circ}$
3. $94^{\circ}$
Q. 12 Simplify the following expression. $3 \frac{1}{7} \div 1 \frac{4}{7}+3$ of $2 \frac{2}{3}+2.5 \times 2.4 \div 3 \frac{1}{3}-4$ of 3

Ans
X1. $-\frac{4}{5}$
X2. $-\frac{3}{5}$
-
3. $-\frac{1}{5}$
4. $-\frac{2}{5}$
Q. 13 Simplify
$8.16 \times 5.35+17.9-19.5$ of $\frac{1}{15}+\frac{1}{5}$
Ans

1. 60.456
$\times 2.70 .225$
$\times 3.57 .426$
$\times 4.65 .234$
Q. 14 A shopkeeper sold 3 wristwatches for ₹ 2,800 each. If he has sold the watches with $40 \%, 25 \%$ and $12 \%$ profit, respectively, then find his overall profit percentage (correct to 2 decimal places).
Ans $\times 1.0 .2455$
2. 0.2475
3. 0.2419
4. 0.2463

Question ID : 630680869693
Option 1 ID : 6306803406139
Option 2 ID : 6306803406141
Option 3 ID : 6306803406138
Option 4 ID : 6306803406140
Q. 15 In a circle, the chords $A B$ and $C D$ intersect each other at point $L$ (internally). If $A L=8$ $\mathrm{cm}, \mathrm{LB}=6 \mathrm{~cm}$ and $L D=5 \mathrm{~cm}$, then find the $C L$.
Ans
X 1.10 .6 cm
< 2.8 .6 cm
3. 7.6 cm
4. 9.6 cm


Question ID : 630680421429
Option 1 ID : 6306801644182
Option 2 ID : 6306801644180
Option 3 ID : 6306801644179
Option 4 ID : 6306801644181
Q. 16 Two trains, $P$ and $Q$, are running on parallel tracks in opposite directions with lengths of 110 m and 140 m , respectively. Train $P$ is running at a speed of $70 \mathrm{~km} / \mathrm{h}$ and took 5 seconds to cross train $Q$. The speed of train $Q$ is:
Ans
X $1.100 \mathrm{~km} / \mathrm{h}$
X $2.120 \mathrm{~km} / \mathrm{h}$
2. $110 \mathrm{~km} / \mathrm{h}$

X $4.90 \mathrm{~km} / \mathrm{h}$
Q. 17 Simplify $45 \div 5 \times 5+10-5$.

Ans $\times 1.60$
$\times 2.30$
-3. 50
$\times 4.40$

Question ID : 630680428125
Option 1 ID : 6306801670545
Option 2 ID : 6306801670544
Option 3 ID : 6306801670547
Option 4 ID : 6306801670546
Q. 18

The value of $\frac{17}{\sec ^{2} \theta}+10 \sin ^{2} \theta+\frac{7}{1+\cot ^{2} \theta}$ is:
Ans
$\times 1.34$
X2. 19

- 3.1
-4.20

Q. 19 Simplify $250+$ [100-\{50-(30 + 15) $\}$ ].

Ans
X 1.280
X2. 255
$\times 3.360$
4. 345

Question ID : 630680428127
Option 1 ID : 6306801670555
Option 2 ID : 6306801670554
Option 3 ID : 6306801670553
Option 4 ID : 6306801670552
Status : Answered
Chosen Option: 4
Q.20 A man travels some distance from his house to the exhibition ground by an auto at a speed of $30 \mathrm{~km} / \mathrm{h}$ and returns by a cab at a speed of $50 \mathrm{~km} / \mathrm{h}$. What is his average speed (in km/h)?

Ans

1. 37.5
$\times 2.40$
2. 28
X. 38
Q. 21 The ratio of the speed of a boat to that of the current water is $35: 8$. The boat goes along with the current in 5 hours 10 minutes. What will be the time taken by the boat to come back?
Ans
X 1.5 hours 15 minutes 58 seconds
3. 9 hours 30 minutes 49 seconds
3.6 hours 45 minutes 10 seconds
4. 8 hours 13 minutes 48 seconds

Q. 22 Ramesh spent ₹ 30,000 on Diwali shopping and ₹ 45,000 on buying a TV set, and the remaining $40 \%$ of the total amount he had as cash with him. What was the total amount (in ₹)?
Ans
X 1.1,35,000
X 2. 1,10,000
5. 1,25,000

X4.1,22,000
Q. 23 If 12 people can print 540 identical books in 10 days, then how many more people will be required to print 720 such books in 8 days?
Ans

1. 8
$\times 2.6$
X 3.12
-4.4
Q.24 A scalene triangle $A B C$ has two sides whose measures are 3.8 cm and 6 cm , respectively. Which of the following CANNOT be the measure (in cm ) of its third side?
Ans
X 1.3 .0
$\times 2.2 .4$
$\times 3.2 .7$
2. 2.2

Q. 25 The area of a circle is $256 \pi$ square cm . The length of its longest chord (in cm ) is:

Ans

1. 32
$\times 2.36$
$\times 3.34$
2. 16

Option 1 ID : $\mathbf{6 3 0 6 8 0 4 0 1 8 2 7}$
Option 2 ID : $\mathbf{6 3 0 6 8 0 4 0 1 8 2 8}$
Option 3 ID : $\mathbf{6 3 0 6 8 0 4 0 1 8 3 0}$
Option 4 ID : $\mathbf{6 3 0 6 8 0 4 0 1 8 2 9}$
Status : Answered
Chosen Option : 1
Q. 26 The following pie-chart shows details of the per month expenditure of a family.

Study the pie-chart carefully and answer the question that follows.


The expenditure on rent, medicines and electricity together is what percentage of the expenditure on groceries and education together?

Ans

- $1.82 .22 \%$

X 2. 80.22\%
X 3. $70.82 \%$
X4.76.52\%

Q. 27 The quantity of milk in a mixture of milk and water is $\frac{4}{5}$ of the volume of the mixture. After adding 1 liter of milk to 5 liters of the mixture, the percentage of water in the mixture is:
Ans
$\times 1 . \frac{200}{6} \%$
$\times 2.15 \%$
3. $\frac{100}{6} \%$

X4.17.5\%
Q. 28 The following bar graph shows the production of cement (in lakh tonnes) of four companies-W, X, Y, and Z-over the years.


The production of cement by company X in 2020 and production of cement by company Z in 2022 together is what percentage of the production by company W in 2021?

Ans
$\times 1.275$
$\times 2.180$
$\times 3.250$
4. 220
Q. 29 The value of $\sin ^{2} 15^{\circ}+\sin ^{2} 25^{\circ}+\sin ^{2} 35^{\circ}+\sin ^{2} 45^{\circ}+\sin ^{2} 55^{\circ}+\sin ^{2} 65^{\circ}+\sin ^{2} 75^{\circ}$ is:

Ans
$\times 1.7$
2. $\frac{7}{2}$
3. 4
×4. $\frac{7}{3}$
Q. 30 Sumit and Rajiv, working together, can do a job in 20 hours whereasSumit alone can do the same job in $\mathbf{2 5}$ hours. In how many hours can Rajiv alone do the job?
Ans
X 1.90
2. 100
$\times 3.70$
$\times 4.80$
Q. 31 Find the mean from the following table (rounded off to two decimal places).

| Score | Frequencies |
| :--- | :--- |
| 15 | 2 |
| 18 | 3 |
| 21 | 4 |
| 22 | 1 |
| 19 | 5 |
| 23 | 1 |
| 24 | 2 |

Ans
X1. 17.56
$\times 2.20 .82$
3. 18.44
4. 19.78
Q. 32

If $\cos A=\frac{4}{5}$, then find the value of $(8+\sin A)(3-\tan A)$.
Ans
$\times 1 \cdot \frac{373}{20}$
2. $\frac{387}{20}$

X 3. $\frac{381}{20}$
$\times 4 . \frac{367}{20}$
Q. 33 Study the given table and answer the question that follows.

The table shows the production of five different types of cars by a company from 1989 to 1994.

| Year $\rightarrow$ <br> Type $\mathfrak{I}$ | 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 |

In which year was the production of cars of all types taken together approximately equal to the average of the total production during the period?

Ans

1. 1993
2. 1990
3. 1992
4. 1991
Q. 34 The table below shows the number of mobile phones that were sold by the show rooms in the years from 2016-2020.


Ans
4.415
Q. 35 Simplify the given expression.
$55 \frac{1}{3} \div\left[3 \frac{1}{5}+\left\{2 \frac{1}{2}-\left(2 \frac{1}{3}+\frac{3}{5}\right)\right\}\right]$
Ans
$\times 1.25$
$\times 2.15$

- 3.20
$\times 4.35$
Q. 36 If the length and breadth of a cuboid are increased by $6 \%$ and $8 \%$, respectively, then the percentage increase in its volume (correct to two decimal places) is:
Ans
X1.11.48\%
X 2. 13.96\%
X 3. 12.96\%

4. $14.48 \%$
Q. 37 A shopkeeper offers a $10 \%$ discount on dairy products and still manages to make a $\mathbf{2 0 \%}$ profit. What is the actual cost (in ₹) to the shopkeeper of a dairy product marked ₹ 420 ?

Ans


Question ID : 630680428024
Option 1 ID : 6306801670141
Option 2 ID : 6306801670142
Option 3 ID : 6306801670143
Option 4 ID : 6306801670140 Status: Answered
Q. 38 If $a=(\sqrt{2}-1)^{\frac{1}{3}}$, then the value of $\left(a-\frac{1}{a}\right)^{3}+3\left(a-\frac{1}{a}\right)$ is:

Ans
X 1. $\sqrt{2}$
$\times 2.2$
จ 3. -2
X4. $-\sqrt{2}$
Q. 39 A seller marks an item for ₹ 500 and sells it at a discount of $25 \%$. He also gives a gift worth ₹65. If he still makes $24 \%$ profit, then the cost price of the item (in ₹) is:
Ans
X 1.320
X2. 270
み. 3.250
X4. 280
Q. 40 The population of a town is 15000 . If the population increases by $15 \%$ in the first year, by $25 \%$ in the second year and due to pollution it decreases by $6 \%$ in the third year, what will be its population after 3 years?(Round off number in answer)
Ans

1. 20269
$\times 2.25269$
X 3. 28269
$\times 4.15269$

Q. 41 In an election, $95 \%$ of the total voters cast their votes. In this election, there were only two candidates A and B. The winner A, by obtaining 75\% of the total votes, defeated his contestant $B$ by 5500 votes. Find the total number of voters in the election.
Ans
X 1.12,000
X2.11,000
X 3.13,000
2. 10,000

Question ID : 630680428182
Option 1 ID : 6306801670773
Option 2 ID : 6306801670774
Option 3 ID : 6306801670772
Option 4 ID : 6306801670775
Status: Answered
Chosen Option : $\mathbf{2}$
Q. 42 A student goes to his school by cycle. The distance from his house to school is $5 \mathbf{k m}$ and he covers this distance in 1 hour. While going he stops twice for 5 minutes each. Find his average speed (in km/h).
Ans
$\times 1.5 .5$
2. 6
3. 6.5
4. 4.5
Q. 43 If $2 a+2 b+c=0$, then find the value of $\frac{4 a^{2}+4 b^{2}+4 c^{2}}{5 c^{2}-8 a b}$.

Ans
$\times 1 .-1$
2. 1

X3. $-2 \sqrt{3}$

X4. $2 \sqrt{3}$
Q. 44 A man borrowed ₹ 29,000 for 3 years and ₹ 45,000 for 5 years at the same rate of simple interest. If he paid a total interest of ₹ 62,400 , then what was the rate of interest?
Ans

- 1.18\%

2. $20 \%$

- $3.27 \%$

4. $25 \%$
Q. 45 If the radius of a sphere is increased by $20 \%$, then find the percentage increase in its volume.

Ans

1. $68.5 \%$
2. $72.8 \%$

X 3. $70.6 \%$
$\times 4.75 .5 \%$
Q. 46 The ratio of the slant height and the height of a cone is $4: 3$. If the curved surface area of the cone is $4 \sqrt{7} \pi$ square units, then the radius of the cone is $\qquad$ units.
$\times 1.7$
$\times 2.7 \sqrt{7}$
$\times 3$
$\frac{\sqrt{7}}{7}$
4. $\sqrt{7}$

Question ID : 630680421575
Option 1 ID : 6306801644763
Option 2 ID : 6306801644764
Option 3 ID : 6306801644766
Option 4 ID : 6306801644765
Q. 47 The value of $15-16 \div[4+(5+7) \div 3]$ is equal to:

Ans
$\times 1.11$
X2. 18
$\times 3.17$
4. 13
Q. 48 Find the value of $[16 \div 2-7 \times 15 \div 3+\{(1+4) \times 5\}+4 \times 3-10]$.

Ans
X 1.2
2. 0
$\times 3.4$
X4. ${ }^{-2}$

Question ID : 630680428033
Option 1 ID: 6306801670178
Option 2 ID : 6306801670177
Option 3 ID : 6306801670179
Option 4 ID : 6306801670176
Status: Answered
Chosen Option : 2
Q. 49 If a car runs at a speed of $60 \mathrm{~km} / \mathrm{h}$ and takes 180 minutes to cover a certain distance, then what time will it take to cover the same distance at a speed of 40 km ?
Ans

1. 4 hr 30 min
$\times 2.3 \mathrm{hr}$
X 3.3 hr 15 min
2. 3 hr 45 min

Question ID : 630680428425
Option 1 ID : 6306801671746
Option 2 ID : 6306801671744
Option 3 ID : 6306801671747
Option 4 ID : $\mathbf{6 3 0 6 8 0 1 6 7 1 7 4 5}$ Status : Answered
Q. 50 Two rectangular sheets of paper, each $60 \mathrm{~cm} \times 36 \mathrm{~cm}$, are made into two right circular cylinders, one by rolling the paper along its length and the other along the breadth. The ratio of the volumes of the two cylinders, thus formed, is:
Ans

1. $5: 6$
2. $5: 3$
3. $8: 3$
4. $7: 4$

## Section : English Comprehension

Q. 1 Select the most appropriate meaning of the given idiom.

Make waves
Ans

1. To cause difficulty
2. To give up
3. To take it easy
4. To have patience

Question ID : 630680517411
Option 1 ID : 6306802022042
Option 2 ID : 6306802022040
Option 3 ID : 6306802022043
Option 4 ID : 6306802022041
Status : Answered
Chosen Option: 1
Q. 2 Select the INCORRECTLY spelt word.

Ans
X 1. Matriculation
$\times 2$. Prohibition
$X$ 3. Humorous
4. Addmission

Q. 3 Parts of the following sentence have been given as options. Select the option that contains an error.
For the past / three years, / my uncle is laway from home.
Ans
$X$ 1. three years,
2. For the past
3. my uncle is
4. away from home.
Q. 4 Select the most appropriate option that can substitute the underlined words in the given sentence.
My grandmother helps us in all the problems. She has a remedy for all the diseases.
Ans $\quad$ 1. 'Service'
2. Panacea

X 3. Fanatic
X4. Heretic
Q. 5 In the question four alternatives are given for the underlined word in the sentence. Choose the alternative which best expresses the opposite meaning of the word. We embraced each other overjoyed at our success, then I took photograph of Tenzing holding aloft the flags of Great Britain, Nepal, the United Nations and India."
Ans


X 2. Junked
X 3. Contained
*
4. Limited


## Q. 6 Select the INCORRECTLY spelt word.

Ans

1. Interogative
$X$ 2. Auditions
$X$ 3. Interference
2. Greengrocers
Q. 7 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'.
He is feeding a male dog and female dog
Ans $\quad$ 1. a dog and puppy
3. a dog and a bitch
$X$ 3. a male dog and lady dog
$X$ 4. No substitution
Q. 8 Select the most appropriate option to substitute the underlined segment in the given sentence to make it a meaningful sentence. If no substitution is required, select 'No substitution'.

The quality of students of an educational institute is of great importance and a crucial starting_point.
Ans $\quad$ 1. The quality of students in an educational institute is in great importance and a crucial starting point.
2. The quality of students in an educational institute is of great importance and a crucial starting point.
X 3. No substitution
X 4. The quality of students in an educational institute is of great importance and is a crucial start point
Q. 9 Three segments of the following sentence have been underlined and given as options. One of them may contain an error. Select the option that contains the error. If you don't find any error, mark 'No error' as your answer.

Although there is no proven data, the Centre for Policy Research estimate that India has the largest stock of iron ore in the world.
Ans $\times 1$. Although there is no proven data,
2. Centre for Policy Research estimate

X 3. No error
X 4. India has the largest stock
Q. 10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
She asked me where my hometown is and where I worked.
Ans $\quad \times 1$. hometown has been
X 2 . hometown would be
3. hometown were
4. hometown was
Q. 11 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'. What flavour ice cream do you want?
Ans
X 1. No improvement required
X 2. flavours ice cream
$\checkmark$
3. flavour of ice cream
4. ice cream flavoured
Q. 12 Select the most appropriate ANTONYM of the underlined word from the given options. The new government allowed all the corrupt ministers to feel the sufficiency of money by banning the specific currency.
Ans
X 1. Indeficiency
X 2. Plenty
X 3. Enough
4. Dearth
Q. 13 In the following sentence, four words are underlined, out of which one word is MISSPELT. Select the MISSPELT word.

Everyone admired her because of her charesma, but she was a narcissist full of selfadmiration and treachery.
Ans
X 1. treachery
X 2. self-admiration
2. charesma
4. narcissist
Q. 14 Select the most appropriate option that can substitute the highlighted words in the given sentence.

The serenity of the river was a sight to behold.
Ans
X 1. confusing for all
2. ready to be sold
3. inviting for boating
4. pleasant to see
Q. 15 Parts of the following sentences have been given as options. Select the option that contains a grammatical error.

Mr. Prabhakar was first man to arrive at the venue.
Ans

1. was first man

X 2. Mr. Prabhakar
X 3. to arrive
4. at the venue
Q. 16 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'. Inspite mother's milk is vital to a child's health, a number of FMCG companies wrongly advertise artificially prepared infant formulas as being the best for the child.
Ans
X 1. Mother's milk
X 2. No substitution
3. Though mother's milk

X 4. Despite mother's milk
Q. 17 Select the most appropriate meaning of the given idiom.

## Spill the beans

Ans
$\times 1$. To have an excuse
2. To be in a state of shock
3. To have happy period of your life

- 4. To expose a secret

Q. 18 Select the most appropriate meaning of the underlined segment in the following sentence.

Don't you think that the cat's in the cradle? You never make time for me.
Ans
X 1. Newly married life
2. Busy in your work
3. Complicated relationship
4. Busy in minting money
Q. 19 Select the most appropriate synonym of the word in brackets to fill in the blank. Her million-dollar wedding was a $\qquad$ display of wealth. (pompous)
Ans

1. prestigious
2. outrageous
3. mock
4. pretentious
Q. 20 Select the option that can be used as a one-word substitute for the given group of words.
A person who is a lover of women.
Ans


Question ID : 630680414528
Option 1 ID : 6306801616871
Option 2 ID : 6306801616874
Option 3 ID : 6306801616873
Option 4 ID : 6306801616872
Q. 21 Select the most appropriate meaning of the given idiom.

Up the ante
Ans

1. Increase demands
2. Cost cutting
3. Mediocre
4. Expensive
Q. 22 Parts of the following sentence have been given as options. Select the option that contains a spelling error.
Grievances cannot be redresed unless they are known.
Ans
X 1. Grievances cannot
5. be redresed
6. unless they
7. are known.
Q. 23 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options. Mr. Raghav / brushes his / teeth four / times the day.
Ans
$X 1$. brushes his
8. times the day
9. Mr. Raghav
10. teeth four


Question ID : 630680184893
Option 1 ID : 630680716534
Option 2 ID : 630680716536
Option 3 ID : 630680716533
Option 4 ID : 630680716535
Status: Answered
Q. 24 Select the most appropriate ANTONYM of the underlined word in the following sentence.
The woman in the crowd broke down in hysterics.
Ans
X 1. Aghast
2. Cray
3. Calm
4. Insanity

Question ID : 630680309991
Option 1 ID : 6306801206110
Option 2 ID : 6306801206112
Option 3 ID : 6306801206111
Option 4 ID : 6306801206109
Status: Answered
Chosen Option: $\mathbf{3}$
Q. 25 Select the option that rectifies the spelling error in the given sentence.

She is going to resiev a package in the mail today.
Ans

1. reseive
2. receive
3. resieve
4. recieive

Question ID : 630680517475
Option 1 ID : 6306802022297
Option 2 ID : 6306802022296
Option 3 ID : 6306802022299
Option 4 ID : 6306802022298
Status: Answered
Chosen Option : 2
Q. 26 Select the word from the sentence below, which is an antonym for the word
'dishearten'
Many of the world's greatest art pieces are encouraged by kings and are inspired by nature and society.
Ans
X 1. Greatest
$\times 2$. Pieces
3. Inspired
4. Encouraged

Q. 27 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Her sarcastic comment earned a few chuckles from the audience, who understood the irony in her words.
Ans
X 1. Unsavoury
2. Courteous
$\times$ 3. Sardonic
4. Humorous
Q. 28 Select the most appropriate synonym of the given word. Destitute
Ans
X 1. Broken
2. Corrupt
3. Broke
4. Firm
Q. 29 Select the most appropriate option to substitute the underlined part of the given sentence.
All the kith and kin of my deceased landlady were present to attend her funeral.
Ans
$\times 1$. office colleagues
X 2. secret enemies
X 3. special students
4. blood relatives


Question ID : 630680193202
Option 1 ID : 630680749347
Option 2 ID : 630680749348
Option 3 ID : 630680749345
Option 4 ID : 630680749346
Q. 30 Select the option that is similar in meaning to the underlined word in the following sentence.

Chameleon usually disguises itself to avoid predators.
Ans
$X 1$. changes
2. camouflages

X 3. transposes
4. swaps
Q. 31 Select the most appropriate idiom to fill in the blank.

The team always $\qquad$ to come up with unique advertisements for all its clients.

Ans

1. thinks outside the box
2. throw caution to the winds
3. take a back seat
4. turn the tables
Q. 32 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

I sometimes accept excess work to please my manager, so I take more responsibilities than one can manage.
Ans

1. bite off more than I can chew
2. get a taste of my own medicine
3. burn my boats
4. hear it straight from the horse's mouth
Q. 33 Select the most appropriate option to fill in the blank and make the sentence the meaningful.
Rathna is known for $\qquad$ tears.
Ans
X 1. student's
X 2. babies'
X 3. animal's
5. crocodile

Question ID : 630680517340
Option 1 ID : 6306802021759
Option 2 ID : 6306802021757
Option 3 ID : 6306802021758
Option 4 ID : 6306802021756
Status: Answered
Chosen Option : 4
Q. 34 Select the most appropriate option that can substitute the underlined words in the given sentence.

Ice melts fastly, in the sun.
Ans $\quad$ 1. melts fastest
$X$ 2. melt fastly
X 3. melt fast
4. melts fast

Question ID : 630680446720
Option 1 ID : 6306801744177
Option 2 ID : 6306801744176
Option 3 ID : 6306801744175
Option 4 ID : 6306801744174
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 35 Select the INCORRECTLY spelt word.

Ans
X 1. obscurity
X 2. schedule
3. assasination

X 4. buoyant

Q. 36 Choose the most appropriate meaning of the given idiom.

Back to back
Ans
X 1. Present and discuss the details of something.
2. Do something very fast or with great energy.
3. Something follows immediately after something else.
4. Try to get something.

Question ID : 630680517531
Option 1 ID: 6306802022523
Option 2 ID : 6306802022521
Option 3 ID : 6306802022520
Option 4 ID : 6306802022522
Status: Answered
Chosen Option : 2
Q. 37 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Raveena has made / up her mind to / carried minimum / luggage with her.
Ans
X 1. Raveena has made
$X$ 2. up her mind to
3. carried minimum
4. luggage with her.
Q. 38 Select the most appropriate synonym of the given word. Prudent
Ans

Q. 39 Select the option that can be used as a one-word substitute for the given group of words.

Modesty or shyness resulting from a lack of self-confidence
Ans
X 1. Assurance
2. Determination

X 3. Conviction
4. Diffidence
Q. 40 Select the option that can be used as a one-word substitute for the given group of words.

A person who is critical of the motives of others
Ans

1. Cynic

X 2. Interviewer
$X$ 3. Chauffeur
X 4. Curator

## 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.

Literature is a reflection of society and often (1) $\qquad$ insight into the human experience.
Through various forms like novels, poems, and plays, literature allows us to (2) different emotions and perspectives. It can serve as a (3) $\qquad$ for social issues, shedding light on topics that need attention. Reading literature not only enhances our language skills but also (4) $\qquad$ empathy by helping us understand the feelings of characters. In a rapidly
changing world, literature (5) $\qquad$ a timeless portal to diverse worlds and cultures.

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

Ans $\times 1$.denies
2. suggests
3. offers
4. garnersprovides

## 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.

Literature is a reflection of society and often (1) $\qquad$ insight into the human experience.
Through various forms like novels, poems, and plays, literature allows us to (2) $\qquad$ shedding
different emotions and perspectives. It can serve as a (3) $\qquad$ for social issues, shedding light on topics that need attention. Reading literature not only enhances our language skills but also (4) $\qquad$ empathy by helping us understand the feelings of characters. In a rapidly changing world, literature (5) $\qquad$ a timeless portal to diverse worlds and cultures.

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

Ans
X 1. explain
X 2. exploit
3. explore

X4. exclaim

## 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.

Literature is a reflection of society and often (1) $\qquad$ insight into the human experience.
Through various forms like novels, poems, and plays, literature allows us to (2) different emotions and perspectives. It can serve as a (3) $\qquad$ for social issues, shedding light on topics that need attention. Reading literature not only enhances our language skills but also (4) $\qquad$ empathy by helping us understand the feelings of characters. In a rapidly changing world, literature (5) $\qquad$ a timeless portal to diverse worlds and cultures.

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

Ans


## 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.

Literature is a reflection of society and often (1) $\qquad$ insight into the human experience.
Through various forms like novels, poems, and plays, literature allows us to (2) $\qquad$ shedding
different emotions and perspectives. It can serve as a (3) $\qquad$ for social issues, shedding light on topics that need attention. Reading literature not only enhances our language skills but also (4) $\qquad$ empathy by helping us understand the feelings of characters. In a rapidly changing world, literature (5) $\qquad$ a timeless portal to diverse worlds and cultures.

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

Ans
X 1. withers
X 2. avoids
3. cultivates

X4. provokes

## 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.

Literature is a reflection of society and often (1) $\qquad$ insight into the human experience.
Through various forms like novels, poems, and plays, literature allows us to (2) different emotions and perspectives. It can serve as a (3) $\qquad$ for social issues, shedding light on topics that need attention. Reading literature not only enhances our language skills but also (4) $\qquad$ empathy by helping us understand the feelings of characters. In a rapidly changing world, literature (5) $\qquad$ a timeless portal to diverse worlds and cultures.

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

Ans


## Comprehension:

Read the given passage and answer the questions that follow.
Several major airlines have pledged to reach net-zero carbon emissions by mid-century to fight climate change. It's an ambitious goal that will require an enormous ramp-up in sustainable aviation fuels, but that alone won't be enough, the latest research shows. The idea of jetliners running solely on fuel made from used cooking oil from restaurants or corn stalks might seem futuristic, but it's not that far away.
Airlines are already experimenting with sustainable aviation fuels, including biofuels made from agriculture residues, trees, corn and used cooking oil, and synthetic fuels made with captured carbon and green hydrogen.
United Airlines, which has been using a blend of used oil or waste fat and fossil fuels on some flights from Los Angeles and Amsterdam, recently announced plans to power 50,000 flights a year between its Chicago and Denver hubs using ethanol-based sustainable aviation fuels by 2028. The airline also launched a US\$100 million fund on 21 February 2023, with Air Canada, Boeing, GE Aerospace, JPMorgan Chase and Honeywell to invest in sustainable aviation fuel start-ups to expand the industry.

SubQuestion No: 46
Q. 46 Select the most suitable word from the passage which means 'empirical'.

Ans
$\times 1$. Ambitious
2. Sustained

X 3. Latest
X 4. Enormous

## Comprehension:

Read the given passage and answer the questions that follow.
Several major airlines have pledged to reach net-zero carbon emissions by mid-century to fight climate change. It's an ambitious goal that will require an enormous ramp-up in sustainable aviation fuels, but that alone won't be enough, the latest research shows.
The idea of jetliners running solely on fuel made from used cooking oil from restaurants or corn stalks might seem futuristic, but it's not that far away.
Airlines are already experimenting with sustainable aviation fuels, including biofuels made from agriculture residues, trees, corn and used cooking oil, and synthetic fuels made with captured carbon and green hydrogen.
United Airlines, which has been using a blend of used oil or waste fat and fossil fuels on some flights from Los Angeles and Amsterdam, recently announced plans to power 50,000 flights a year between its Chicago and Denver hubs using ethanol-based sustainable aviation fuels by 2028. The airline also launched a US $\$ 100$ million fund on 21 February 2023, with Air Canada, Boeing, GE Aerospace, JPMorgan Chase and Honeywell to invest in sustainable aviation fuel start-ups to expand the industry.

SubQuestion No : 47
Q. 47 Identify the most suitable title for the passage.

Ans $\quad$ 1. Success Story of Airline Companies
X 2. Threats of Climate Changes
X 3. Biofuels Vs Synthetic Fuels
4. One Good Turn from the Aviation Industry

## Comprehension:

Read the given passage and answer the questions that follow.
Several major airlines have pledged to reach net-zero carbon emissions by mid-century to fight climate change. It's an ambitious goal that will require an enormous ramp-up in sustainable aviation fuels, but that alone won't be enough, the latest research shows. The idea of jetliners running solely on fuel made from used cooking oil from restaurants or corn stalks might seem futuristic, but it's not that far away.
Airlines are already experimenting with sustainable aviation fuels, including biofuels made from agriculture residues, trees, corn and used cooking oil, and synthetic fuels made with captured carbon and green hydrogen.
United Airlines, which has been using a blend of used oil or waste fat and fossil fuels on some flights from Los Angeles and Amsterdam, recently announced plans to power 50,000 flights a year between its Chicago and Denver hubs using ethanol-based sustainable aviation fuels by 2028. The airline also launched a US $\$ 100$ million fund on 21 February 2023, with Air Canada, Boeing, GE Aerospace, JPMorgan Chase and Honeywell to invest in sustainable aviation fuel start-ups to expand the industry.

SubQuestion No: 48
Q. 48 What is the tone of the speaker?

Ans
X 1. Depressing
X 2. Casual
X 3. Worried
4. Hopeful

## Comprehension:

Read the given passage and answer the questions that follow.
Several major airlines have pledged to reach net-zero carbon emissions by mid-century to fight climate change. It's an ambitious goal that will require an enormous ramp-up in sustainable aviation fuels, but that alone won't be enough, the latest research shows.
The idea of jetliners running solely on fuel made from used cooking oil from restaurants or corn stalks might seem futuristic, but it's not that far away.
Airlines are already experimenting with sustainable aviation fuels, including biofuels made from agriculture residues, trees, corn and used cooking oil, and synthetic fuels made with captured carbon and green hydrogen.
United Airlines, which has been using a blend of used oil or waste fat and fossil fuels on some flights from Los Angeles and Amsterdam, recently announced plans to power 50,000 flights a year between its Chicago and Denver hubs using ethanol-based sustainable aviation fuels by 2028. The airline also launched a US $\$ 100$ million fund on 21 February 2023, with Air Canada, Boeing, GE Aerospace, JPMorgan Chase and Honeywell to invest in sustainable aviation fuel start-ups to expand the industry.

SubQuestion No : 49
Q. 49 Biofuels are not made from $\qquad$ .
Ans
X 1. agricultural residue
X 2. cooking oil
2. coal

X4. trees

## Comprehension:

Read the given passage and answer the questions that follow.
Several major airlines have pledged to reach net-zero carbon emissions by mid-century to fight climate change. It's an ambitious goal that will require an enormous ramp-up in sustainable aviation fuels, but that alone won't be enough, the latest research shows. The idea of jetliners running solely on fuel made from used cooking oil from restaurants or corn stalks might seem futuristic, but it's not that far away.
Airlines are already experimenting with sustainable aviation fuels, including biofuels made from agriculture residues, trees, corn and used cooking oil, and synthetic fuels made with captured carbon and green hydrogen.
United Airlines, which has been using a blend of used oil or waste fat and fossil fuels on some flights from Los Angeles and Amsterdam, recently announced plans to power 50,000 flights a year between its Chicago and Denver hubs using ethanol-based sustainable aviation fuels by 2028. The airline also launched a US $\$ 100$ million fund on 21 February 2023, with Air Canada, Boeing, GE Aerospace, JPMorgan Chase and Honeywell to invest in sustainable aviation fuel start-ups to expand the industry.

SubQuestion No : 50
Q. 50 Why have major airline companies pledged to reach net-zero carbon emissions by mid-century?
Ans
X 1. To moderate expenditure
$\times 2$. To create better revenue
X 3. To reduce traffic jam
4. To fight climate change


