## Adda247

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

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name | Shri Siddhi Vinayak Institute Of Technology |
| Exam Date | 29/06/2024 |
| Exam Time | 12:30 PM - 2:30 PM |
| Subject | SICPO Paper I 2024 |

## Section: General Intelligence and Reasoning

Q. 1 From his office, Mukesh went 12 km straight. Then he turned $45^{\circ}$ right and covered 8 km . From here he turned left and travelled 7 km and finally turning left he covered 11 km. If he was going north-west at last, then in which direction did he start from his office?

Ans

1. East

X 2. South
X 3. West
X4. North
Q. 2 Which of the following numbers will replace the question mark (?) in the given series? 46, ?, 81, 100, 120, 141
Ans
$\times 1.59$
$\times 2.61$

- 3.63
$\times 4.66$


Question ID : 630680411953
Option 1 ID : 6306801606648
Option 2 ID : 6306801606647
Option 3 ID : 6306801606650
Option 4 ID : 6306801606649 Status: Answered
Q. 3 Identify the figure given in the options which when put in place of '?' will logically complete the series.


Ans


Question ID : 630680366163
Option 1 ID : 6306801426177
Option 2 ID : 6306801426178
Option 3 ID : 6306801426180
Option 4 ID : 6306801426179 Status : Answered
Chosen Option: 1
Q. 4 Which of the following terms will replace the question mark (?) in the given series?

GXMA, IVOY, KTQW, MRSU, ?
Ans
X 1. OQVS
X 2. OQUT
3. OPUS

X4.OPVS
Q. 5 Which of the following numbers will replace the question mark (?) in the given series?

| 8 | 9 | 13 | 22 |
| :--- | :--- | :--- | :--- | :--- |

Ans
$\times 1.42$
$\times 2.48$
$\times 3.32$
4. 38
Q. 6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Purposively
2. Pursuit
3. Purgatory
4. Purify
5. Purports
6. Purchased

Ans $\quad \mathbf{X}, 6,3,1,5,4,2$
2. $6,3,4,5,1,2$

X 3.4,5,3,1,6,2
X 4, 4,5,6,3,1,2
Q. 7 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. 8 In a certain code language, 'FROM' is written as 'HSNK' and 'WAKE' is written as 'YBJC'. How will 'JUMP' be written in the given language?

Ans

1. LVLN

X 2. LTKN

- 3. MTKN

4. MULM
Q. 9 Which letter cluster can replace the question mark (?) to complete the given series? UBIG, PDKL, ?, FHOV, AJQA
Ans
X 1. LEMR
X 2. JEMQ
X 3. KEMR
5. KFMQ
Q. 10 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

$\times 3$.


$\times 4$.

Q. 11 What will come in place of the question mark (?) when + and - are interchanged?
$8-3 \times 4+16 \div 2=$ ?
Ans
1.12
$\times 2.11$
$\times 3.10$
$\times 4.14$
Q. 12 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
DRIVE : RDEVI :: STOCK : TSKCO :: MOULD : ?
Ans

1. OMDLU
2. MODLU
3. OMULD
4. OMLUD

Q. 13 Select the Venn diagram that best illustrates the relationship between the following classes.
Animals, Lions, Jackals
Ans
$\times 1$.

5. 


$\times 3$.

$\times 4$


Q. 14 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)
$(84,28,4)$
(147, 49, 7)
Ans

1. $(231,77,11)$
2. $(231,77,13)$
3. $(241,77,11)$
(4. $(231,67,11)$
Q. 15 In a code language, 'COOL' is coded as ' 180 ' and 'MAN' is coded as ' 84 '. How will 'QUIET' be coded in the same language?
Ans $\times 1.36$
4. 360
$\times 3.56$
$\times 4.284$
Q. 16 Select the option in which the given figure $(X)$ is embedded as its part. (Rotation is NOT allowed.)


Ans
, 1.

$\times 2$.

$\times 3$

$\times 4$

Q. 17 If ' $A$ ' stands for ' $\div$ ', ' $B$ ' stands for ' $x$ ', ' $C$ ' stands for ' + ' and ' $D$ ' stands for ' - ', what will come in place of the question mark (?) in the following equation?
96 A 4 D 5 B 7 C 20 = ?
Ans
$\times 2.2$
X 3.4
$\times 4.7$
Q. 18 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)
$(21,63,378)$
(23, 69, 414)
Ans $\quad$ 1. $(26,81,486)$
2. $(27,81,486)$

X 3. $(27,80,486)$
× 4. $(27,81,476)$
Q. 19 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. SWT
2. QUS
3. OSP
4. UYV
Q. 20 Which of the following numbers will replace the question mark (?) in the given series? 101, 103, 107, 109, ?, 127, 131, 137

Ans
$\times 1.125$
X2. 111
$\times 3.123$
4. 113
Q. 21 In a certain code language, 'SING' is written as ' 22121710 ' and 'FOUR' is written as ' 9182421 '. How will 'BEAN' be written in that language?
Ans $\times 1.68418$
2. 58417
3. 57413
4. 69516

Question ID : 630680416594
Option 1 ID : 6306801625140
Option 2 ID : 6306801625142
Option 3 ID : 6306801625139
Option 4 ID : 6306801625141
Status : Marked For Review
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 English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)
Concology : Shells :: Palaeontology : ?
Ans


Question ID : 630680416725
Option 1 ID : 6306801625664
Option 2 ID : 6306801625666
Option 3 ID : 6306801625665
Option 4 ID : 6306801625663
Status : Marked For Review
Q. 23 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

## M <br> NAm 52 <br> N

Ans

- $\mathrm{SCmA}_{\mathrm{m}}$
$\times 252 \mathrm{~mA}$ И
$x$ T S m $\forall$ N
$\times 4 . \boldsymbol{C} \boldsymbol{m}$ A И
Q. 249 is related to 90 following a certain logic. Following the same logic, 12 is related to 156. Which of the following numbers is related to 72 using the same logic?

Ans
X 1.6
$\times 2.9$
X 3.7

- 4.8

Question ID : 63068063340
Option 1 ID : $\mathbf{6 3 0 6 8 0 2 4 4 5 2 6}$
Option 2 ID : $\mathbf{6 3 0 6 8 0 2 4 4 5 2 9}$
Option 3 ID : 630680244527
Option 4 ID : 630680244528 Status : Answered
Chosen Option : 4
Q. 25 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 ' $M+N-P \times S \% T^{\prime}$ ?
Ans
X 1. Mother's brother's daughter
2. Brother's wife

X 3. Father's brother's son's wife
X 4. Wife's sister
Q. 26 What will come in place of the question mark (?) in the following equation, if ' + ' and ' - ' are interchanged and ' $x$ ' and ' $\div$ ' are interchanged?
$76 \div 6+18 \times 6-49=$ ?
Ans
$\times 1.524$
$\times 2.569$
$\times 3.596$
4. 502

Question ID : 630680411739
Option 1 ID: 6306801605793
Option 2 ID : 6306801605794
Option 3 ID : 6306801605791
Option 4 ID : 6306801605792
Status : Marked For Review
Chosen Option : 4
Q. 27 Which of the following terms will replace the question mark (?) in the given series?

NBRY, PZSX, ?, TVUV, VTVU
Ans
X 1. SYTW
2. SXTW

X 3. RYTW
4. RXTW
Q. 28 Select the figure from among the given options that can logically replace the question mark (?) in the following series.


Ans


Question ID : 630680867755
Option 1 ID : 6306803398666
Option 2 ID : 6306803398665
Option 3 ID : 6306803398664
Option 4 ID : 6306803398667 Status: Answered
Chosen Option : 3
Q. 29 Select the set in which the numbers are related in the same way as are 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/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.)
$(18,3,9)$
$(36,6,18)$
Ans
X $1 .(72,13,36)$
2. $(78,13,39)$
$\times 3 .(72,14,39)$
4. $(78,14,39)$
Q. 30 If + means - , - means $\div, \times$ means + , and $\div$ means $\times$, what will be the value of the following expression?
$16 \times 9+5 \div 4-2=$ ?
Ans
$\times 1.20$
2. 15
$\times 3.40$
$\times 4.35$
Q. 31 In a code language, 'CRAB' is written as 'YTWD', and 'CALM' is written as 'YCHO'. How will 'ZOOM' be written in that language?
Ans
X 1. VKOQ
2. KVOQ
3. KOVQ
4. VQKO
Q. 32 Select the Venn diagram that best illustrates the relationship between the following classes.
Furniture, Chair, Table
Ans
$\times 1$.

$\times 2$

$\times 3$.

$\checkmark 4$.

Q. 33 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

E \% y 95 A

## N

Ans



X4. $\forall$ S 6 K \% ヨ
Q. 34 In a code language, 'BEST' is written as 'GKXZ', and 'EDGE' is written as 'JJLK'. How will 'WIND' be written in that language?
Ans

1. BOSJ
2. SJBO
3. BSJO
4. JSOB
Q. $35 \mathrm{~A}, \mathrm{~B}, \mathrm{C}, \mathrm{D}, \mathrm{E}$ and F are sitting around a circular table facing the centre. Only two people sit between $A$ and $F$. Only one person sits between $F$ and $E$. $C$ sits to the immediate left of $D$. C is not an immediate neighbour of $A$. Who is sitting to the immediate left of $F$ ?
Ans
X1.E
X2.A
5. D
6. B
Q. 36 Select the number from among the given options that can replace the question mark
(?) in the following series.
228, 209, 192, 179, 168, ?
Ans
$\times 1.162$
$\times 2.160$
7. 165

- 4.161


Question ID : 630680411931
Option 1 ID : 6306801606559
Option 2 ID : 6306801606562
Option 3 ID : 6306801606561
Option 4 ID : 6306801606560
Status : Not Answered
Q. 37 Three different positions of the same die are shown below. Find the number on the face opposite to the face showing ' 1 '.


Ans
$\times 1.5$
$\times 2.3$
X 3.6

- 4.2
Q. 38 Point B is 35 m to the east of Point A. Point C is 26 m to the north of Point A. Point C is 15 m to the west of Point D. Point $E$ is 13 m to the south of Point D. Point $F$ is 20 m to the east of Point $E$. In which direction is Point $B$ with respect to Point $F$ ?
Ans

1. South

X 2. South-east
X 3. West
X 4. North-west
Q. 39 Which two signs should be interchanged to make the given equation correct?
$7 \div 255+5 \times 3-20=140$
Ans
X 1 . - and $\div$
2. + and $\div$
3. $\times$ and +
4. + and -
Q. 40 In a certain code language, 'BEDROOM' is written as ' 28 ' and 'MOON' is written as ' 16 '. How will 'CHAIN' be written in that language?

Ans

1. 20
$\times 2.26$
2. 24
3. 23
Q. 41 If ' $A$ ' stands for ' + ', ' $B$ ' stands for ' - ', ' $C$ ' stands for ' $x$ ' and ' $D$ ' stands for ' $\div$ ', what will come in place of the question mark (?) in the following equation? 80 B 12 C 5 A 27 D 9 = ?
Ans
$\times 1.19$
4. 25
5. 23
-4. 27
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:
No plate is a bowl.
All plates are tumblers.
Conclusions:
I. No tumbler is a plate.
II.Some tumblers are bowls.

Ans
X 1. Only conclusion I follows


X 2. Only conclusion II follows
X 3. Either conclusion I or II follows
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.


Ans


Q. 44 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.


N

Ans

$\times 2$.

3.

$\times 4$



Q. 45 What will come in the place of '?' in the following equation, if ' + ' and ' - ' are interchanged and also ' $x$ ' and ' $\div$ ' are interchanged?
$11 \div 12-78 \times 6+54=$ ?
Ans
X 1.104

- 2.91
$\times 3.86$
$\times 4.99$

Question ID : 630680343177
Option 1 ID: 6306801335082
Option 2 ID : 6306801335081
Option 3 ID : 6306801335083
Option 4 ID : 6306801335084
Status: Answered
Chosen Option : 2
Q. 46 Select the option that represents the correct order of the given words as they would appear in an English dictionary?

1. Unfaithful
2. Unfamiliar
3. Uneasiness
4. Undone
5. Understand
6. Undetermined

Ans
X $1.5,6,4,3,2,1$
2. $5,6,4,3,1,2$

X 3.5,6,4, 2, 1, 3
X4.5,6,1,2, 4, 3
Q. 47 उस वेन आरेख का चयन कीजिए जो निम्नलिखित वर्गों के बीच संबंध को सर्वोत्तम रूप से दर्शाता है।

महिला, माँ, अभिनेता
Ans
$\times 1$.

$\times 2$.

$\times 3$.

$v^{4}$.

Q. 48 Identify the figure given in the options, which when put in place of the question mark (?) will logically complete the series.

$2 \longdiv { | c | c } \begin{array} { l } { 8 } \\ { 1 } \end{array}$

$\times 1 .$| 7 |  |
| ---: | ---: |
|  | 8 |
| 0 |  |
| $\times 2$. | 2 |
|  | 1 |

2


| Question ID: 630680867773 |
| :---: |
| Option 1 ID : 6306803398737 |
| Option 2 ID $: 6306803398739$ |
| Option 3 ID: 6306803398738 |
| Option 4 ID: 6306803398736 |
| Status: Answered |
| Chosen Option :4 |

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 /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.)
(16, 20, 80)
$(12,16,64)$
Ans
X 1. $(20,25,100)$
2. $(18,22,88)$

X $3 .(19,23,82)$
X4. $(11,15,70)$
Q. 50 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 $T$ related to $Q$ if ' $P-Q+R-S \div T \times U$ '?
Ans

1. Wife's sister
2. Daughter's daughter
3. Son's daughter
4. Sister

Section : General Knowledge and General Awareness
Q. 1 Which Union Territory has the lowest literacy rate, according to the Census of India 2011?
Ans
X 1. Lakshadweep
2. Dadra and Nagar Haveli

X 3. Andaman and Nicobar Islands
4. Delhi
Q. 2 Ugadi is celebrated primarily in which of the following states on the first day of the Chaitra month of the Hindu calendar?
Ans
X 1. Odisha
2. Karnataka
3. Uttarakhand
4. Assam
Q. 3 One term for the continuous movement of water through the lithosphere, atmosphere and hydrosphere is:
Ans

1. hydrological cycle
2. hydro equilibrium cycle
3. hydrostatical equilibrium
4. water circulation
Q. 4 Which Article of the Indian Constitution mentions about the qualification for membership of the State Legislature?

Ans

1. Article 173

X 2. Article 179
X 3. Article 171
$\times 4$
4. Article 180

Q. 5 Identify whether the given statements about an earthquake are correct or incorrect.

Statement 1: When the stress on the edge overcomes the friction, there is an earthquake that releases energy in waves that travel through Earth's crust and causes the shaking that we feel.
Statement 2: An earthquake cannot be identified as a foreshock until after a larger earthquake in the same area occurs.
Ans

1. Both Statements 1 and 2 are incorrect
2. Only Statement 1 is correct

X 3. Only Statement 2 is correct
4. Both Statements 1 and 2 are correct
Q. 6 Select the correct alternative on the basis of the statements given about 'Rasa'. Statement I: It is the aesthetic experience that one derives while enjoying an artistic presentation.
Statement II: It deals with the creation of human sentiments in the spectator or the aesthete.
Ans
X 1. Only Statement I is true.
2. Neither Statement I nor Statement II is true.
3. Only Statement II is true.
4. Both Statement I and Statement II are true.
Q. 7 If tax rate decreases with increase in taxable base, then this type of taxation is called:

Ans
X 1. degressive
2. regressive

X 3. progressive
4. increasing
Q. 8 Manyakheta or Malkhed was the capital of which of the following kingdoms?

Ans
X 1. Shaka
2. Rashtrakuta

X 3. Kushan
4. Satavahana
Q. 9 $\qquad$ is commonly represented by the Greek letter $\rho$ (rho).

Ans 1. Electrical resistivity
2. Current
3. Flow of charges
4. Electrical conductivity

Question ID : 63068099061
Option 1 ID : 630680384951
Option 2 ID : 630680384948
Option 3 ID : 630680384950
Option 4 ID : 630680384949
Status: Answered
Chosen Option : 1
Q. 10 As of 2022, which of the following is the longest national waterway in India?

Ans $\quad$ 1. Godavari-Krishna stretch
2. Allahabad-Haldia stretch

X 3. Sadiya-Dhubri stretch

Q. 11 In which district of Uttarakhand does the Ramganga river originate from the Doodhatoli ranges?
Ans
X 1. Champawat
2. Chamoli
3. Pauri Garhwal
4. Almora
Q. 12 Who among the following is NOT a vocalist?

Ans
X 1. Pt. Kumar Gandharva
2. Pt. Shiv Kumar Sharma

X 3. Pt. Bhimsen Joshi
4. Gangubai Hangal
Q. 13 Arrange the following battles fought during Mughal period in correct chronological order.
a. Battle of Khanwa
b. First battle of Panipat
c. Battle of Ghaghra
d. Battle of Chausa

Ans
X 1.a, c, b, d
X 2. d, a, b, c
3. c, a, d, b
4. b, a, c, d
Q. 14 What kind of energy does a yo-yo have before it is released?

Ans
X 1. Kinetic energy
X 2. Chemical energy
X 3. Light energy
$\checkmark$
4. Potential energy

Q. 15 The book Godaan was authored by $\qquad$ in 1936.
Ans 1. Munshi Premchand
X 2. Mulk Raj Anand
X 3. Jawaharlal Nehru
4. Mahatma Gandhi
Q. 16 $\qquad$ was the first fast bowler who was the Indian test team captain.

Ans $\times 1$. Zaheer Khan
X 2. Javagal Srinath
3. Kapil Dev

X 4. Jaspreet Bumrah

Question ID : 630680177038
Option 1 ID : 630680686358
Option 2 ID : 630680686359
Option 3 ID : 630680686356
Option 4 ID : 630680686357
Status : Not Answered
Chosen Option : --
Q. 17 Mohan Veena player Pandit Vishwa Mohan Bhatt won the Grammy Award in the year

Ans

2. 1990
3. 1994
$\times 4.1996$

Q. 18 'Along The Red River: A Memoir'is a book about the life of $\qquad$ -.
Ans
X 1. Nirupama Borgohain
2. Sabita Goswami
3. Mitra Phukan
4. Pushpalata Das
Q. 19 Which of the following leaders had gone to Lucknow to invite Mahatma Gandhi to see the plight of the peasants in Champaran?
Ans 1. Raj Kumar Shukla
X 2. Hasan Mohani
X 3. JB Kripalani
4. Rajendra Prasad
Q. 20 Garlic is good source of:

Ans

1. iron and copper
2. manganese and selenium

X 3. zinc and cobalt
X 4. magnesium and aluminium

Question ID : 630680407535
Option 1 ID : 6306801589080
Option 2 ID : 6306801589079
Option 3 ID : 6306801589081
Option 4 ID : 6306801589078
Status : Not Answered
Chosen Option : --
Q. 21 Montane forests have which of the following types of wildlife species?

Ans

1. Sloth
2. Scorpion
3. Yak

X4. Snai



Chosen Option : --
Q. 22 Which river originates south of the equator and flows north through north-eastern Africa to drain into the Mediterranean Sea?

Ans
X 1. Congo River
2. Nile River
3. Amazon River
4. Lena River
Q. 23 Ashoka sent his son Mahendra and daughter Sanghmitra to spread the message of Dhamma to which of the following countries?
Ans 1. Sri Lanka
X 2. Burma
X 3. Afghanistan
4. China
Q. 24 Who has the power to make law and policies for the country, as per the Indian Constitution?
Ans

1. Political pressure groups
2. The Prime Minster
3. Political parties
4. The Parliament

Question ID : 630680408296
Option 1 ID : 6306801592079
Option 2 ID : 6306801592082
Option 3 ID : 6306801592080
Option 4 ID : 6306801592081
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 25 Which article of the Indian Constitution deals with the Union Executive?

Ans
X 1. Article 38 to 50
2. Article 52 to 78

X 3. Article 80 to 86
X 4. Article 112 to 118

Q. 26 Name the white precipitate formed in the reaction of sodium sulphate and barium chloride.
Ans
X 1. Barium hydroxide
2. Barium sulphate
$X$ 3. Sodium chloride
4. Sodium oxide
Q. 27 The minimum strength of the Council of Ministers in a state as per the Indian Constitution is $\qquad$ _.
Ans $\times 1.15$ persons
2. 13 persons
3. 14 persons
4. 12 persons

Question ID : 630680408323
Option 1 ID : 6306801592190
Option 2 ID : 6306801592188
Option 3 ID : 6306801592189
Option 4 ID : 6306801592187
Status : Not Answered
Chosen Option : --
Q. 28 Which vitamin is involved in red blood cell formation, neurological function and DNA synthesis?
Ans
X 1. Vitamin K
2. Vitamin B7
3. Vitamin $E$
4. Vitamin B12
Q. 29 Bundu Khan was a $\qquad$ player of Delhi gharana.
Ans

- 1. sarangi

X 2. sarod
$\times$ 3. flute
X4. santoor

Q. 30 The International Olympic Committee was established in the year $\qquad$ .
Ans

1. 1894
2. 1892
3. 1896
4. 1890
Q. 31 What is the literacy rate in India as per the Census of 2011?

Ans
X1.16.68\%
X 2. 65.46\%
X 3.82.14\%
4. 72.98\%
Q. 32 The RBI act provides for how many members in RBI Monetary Policy Committee (MPC)?
Ans
$\times 2.4$
$\times 3.8$
$\times 4.5$
Q. 33 Growth, as envisaged in the five-year plans, refers to:

Ans $\quad$ 1. improvement in the state of equity in the country
X 2. improvement in the level of education and primary health in the country
3 3. self-reliance in producing all goods and services it requires, within its geographical boundaries
4. increase in the country's capacity to produce the output of goods and services within
the country


## Q. 34 What is the number of protons present in beryllium.

Ans $\times 1.1$

- 2.4
$\times 3.3$
$\times 4.2$
Q. 35 Who among the following founded the Ramakrishna Mission to carry on humanitarian and social work?

Ans
X 1. Debendranath Tagore
2. Swami Vivekananda

X 3. Ishwar Chandra Vidyasagar
4. Aurobindo Ghosh
Q. 36 Which of the following statements are correct in the context of the Indian

Constitution?
1.There are three major organs of the government, namely Legislature, Executive and Judiciary.
2.A separation of functions rather than powers is followed.
3.All organs of the government are independent.

Ans
X1.1,2 and 3
X2. 1 and 3 only
-3. 1 and 2 only
X4. 2 and 3 only
Q. 37 Which festival is celebrated as the birth of Lord Krishna?

Ans


X 2. Navratri
3. Diwali
4. Ganesh Chaturthi


Question ID : 630680409210
Option 1 ID : 6306801595671
Option 2 ID : 6306801595669
Option 3 ID : 6306801595672
Option 4 ID : 6306801595670
Status: Answered
Q. 38 Which of the following awards is NOT given in the field of dance and music?

Ans
X 1. Kalidas Samman
X 2. Sangeet Natak Akademi Award
3. Dronacharya Award

X 4. Mahari Award
Q. 39 Which wave oscillates parallel to the motion of the sound wave?

Ans $\times 1$. Transverse wave
2. Electromagnetic wave
3. Mechanical wave
4. Longitudinal wave

Question ID : 63068076938
Option 1 ID : 630680297851
Option 2 ID : 630680297849
Option 3 ID : 630680297850
Option 4 ID : 630680297852
Status: Answered
Chosen Option : 1
Q. 40 Sangeet Majumdar was felicitated by Casa De La, Spain for her contribution to which of the following Indian Classical Dances?

Ans

1. Kathak
2. Mohiniyattam
3. Bharatanatyam
4. Kuchipudi
Q. 41 How many major ports are there in India for maritime transportation?

Ans

1. 13
$\times 2.21$
3.18
2. 15
Q. 42 The ___ is/are given for outstanding performance in sports and games over a period of the previous four years and for showing qualities of leadership, sportsmanship and a sense of discipline.
Ans
3. Arjuna Awards
4. Rashtriya Khel Protsahan Puraskar
5. Dronacharya Awards
6. Maulana Abul Kalam Azad (MAKA) Trophy
Q. 43 Which of the following classical dance forms was initiated by Srimant Shankardev, a Vaishnava saint?
Ans
X 1. Manipuri
7. Odissi
8. Sattriya
9. Kathak
Q. 44 Which of the following was NOT one of the factors leading to the economic reforms in 1991?
Ans $\quad$ 1. There was inflation in the economy.
X 2. There was a fall in India's foreign reserves.
$\times 3$
10. There was a rise in the fiscal deficit of the country.
11. There was stagflation in the economy.

| Question ID : 630680407176 |
| ---: | :--- |
| Option 1 ID : 6306801587647 |
| Option 2 ID : 6306801587649 |
| Option 3 ID : 6306801587648 |
| Option 4 ID : 6306801587646 |
| Status : Not Answered |
| Chosen Option : -- |

Q. 45 Article 50 of the Constitution of India refers to the $\qquad$ .

Ans $\quad$ 1. reservation of seats
2. separation of judiciary from executive

- 3. right to elementary education

4. appointment of Governor

Option 1 ID : 6306801591723
Option 2 ID : 6306801591726
Option 3 ID : 6306801591724
Option 4 ID : 6306801591725
Status : Not Answered
Chosen Option : --
Q. 46 Which of the following foods generally increase blood pressure?

Ans $\quad$. Food with low salt and low sugar
2. Food high in protein
3. Food high in fibre
4. Food high in salt, sugar and saturated or trans fats

Question ID : 630680102292
Option 1 ID : 630680397454
Option 2 ID : 630680397452
Option 3 ID : $\mathbf{6 3 0 6 8 0 3 9 7 4 5 3}$
Option 4 ID : 630680397451
Status : Not Answered
Chosen Option : --
Q. 47 How many members (elected and nominated) were there in the Council of State under the Government of India Act 1919 passed by the Parliament of the United Kingdom to expand participation of Indians in the government of India?
Ans
$\times 1.70$
$\times 2.50$
$\times 3.75$
4. 60

Q. 48 Who among the following was first female swimmer to win seven medals at a single Olympics, in Tokyo Olympics-2020?
Ans

1. Kylie Masse
2. Mary Hanna
3. Regan Smith
4. Emma McKeon
Q. 49 निम्नलिखित में से कौन-सी घटना, भारत में मानसून से संबंधित नहीं है?

Ans
X 1. अरब सागर शाखा
$\times 2$. वर्षा अंतराल
$X$ 3. बादल फटना
4. पश्चिमी विक्षोभ
Q. 50 Who among the following was awarded the Bharat Ratna for his contribution to the Green Revolution in India?
Ans
X 1. APJ Abdul Kalam
2. C Subramaniam
3. Govind Ballabh Pant
4. PV Kane

## Section : Quantitative Aptitude

Q. 1

$$
\frac{1}{2^{2}}+\frac{1}{2^{2}} \div\left(\frac{1}{2}+\frac{1}{2} \div 1\right)+3 \frac{1}{3} \div \frac{5}{2} \times \frac{3}{4} \div 6 \frac{2}{3} \times \frac{7}{6} \text { is: }
$$

The value of
Ans
$\times 1 . \frac{7}{40}$
2. $\frac{21}{20}$
3. $\frac{11}{20}$
$\times 4 . \frac{11}{30}$
Q. 2 The population of a town increases annually by $20 \%$. If the present population is 80lakh, then what is the difference between the population three years ago and 2years ago?
Ans

1. 925925.93
2. 85592.6
3. 65592.6
4. 75592.6

Question ID : 630680107409
Option 1 ID : 630680417003
Option 2 ID : 630680417002
Option 3 ID : 630680417001
Option 4 ID : $\mathbf{6 3 0 6 8 0 4 1 7 0 0 0}$
Status : Not Answered
Chosen Option : --
Q. 3 The height of a cylinder is 8 cm , and its area of the base is $20 \mathrm{~cm}^{2}$. Find its volume?

Ans
$\times 1.80 \mathrm{~cm}^{3}$
2. $180 \mathrm{~cm}^{3}$

- $3.160 \mathrm{~cm}^{3}$
$\times 4.100 \mathrm{~cm}^{3}$
Q. 4 Rajan and Rajat can do a work in 64 days and 48 days, respectively. Starting with Rajat, they work on alternate days. In how many days will the work be completed?
Ans
$\times 1.55$

Q. 5 The secant CD intersects the circle at $E$ and CF is tangent to the circle at $F$. If the length of the secant $C D$ is equal to 20 cm and the length of tangent $C F$ is 15 cm , find the length of the chord DE.
Ans

1. 8.75 cm
$\times 2.11 .25 \mathrm{~cm}$
X 3.9 .25 cm
4.3 .75 cm
Q. 6 Melting a metal ball of radius 3 units, 27 identical dice and a ball of radius 1 units are made. What is the side of dice?

Ans
$\times 1.1 .7$ units
X2. 1.5 units
3. 1.4 units
4. 1.6 units
Q. 7 Simplify the given expression.
$12.3-[7+0.8$ of $(5.6-3.8 \times 1.03)]$
Ans
X1. 1.2368
< 2.7 .8539
3. 5.2314
4. 3.9512


| Question ID : 630680428050 |
| :---: | :---: |
| Option 1 ID : 6306801670247 |
| Option 2 ID : 6306801670244 |
| Option 3 ID : 6306801670245 |
| Option 4 ID : 6306801670246 |
| Status : Not Answered |
| Chosen Option : -- |

Q. 8 If $\frac{5 x+3 y}{5 x-3 y}=\frac{7}{3}$, then find $\mathrm{x}: \mathrm{y}$.

Ans
$\times 1.2: 3$
$\times 2.5: 3$
3.3:2
$\times 4.3: 5$

Question ID : 630680428418
Option 1 ID : 6306801671717
Option 2 ID : 6306801671719
Option 3 ID : 6306801671718
Option 4 ID : 6306801671716
Status : Answered
Chosen Option : 3
Q. 9 A dishonest dealer sells an article at a $10 \%$ loss on the cost price but uses a weight of 40 g instead of 50 g . What is his percentage of profit?
Ans

1. $12.5 \%$
$\times 2.10 .0 \%$
X 3.11.5\%
X 4. 18.4\%
Q. 10 The total percentage change in the volume of a cuboid if its length and breadth are decreased by $15 \%$ and $25 \%$, respectively, while its height is increased by $60 \%$ is:
Ans
X $1.5 \%$ decrease
X 2. 2\% decrease

- 3. $2 \%$ increase

4. $5 \%$ increase

Q. 11

If $x+\frac{1}{1+\frac{1}{3+\frac{1}{2}}}=1$, then the value of $x$ is equal to:
Ans

1. $\frac{2}{9}$
2. $\frac{1}{7}$
3. $\frac{7}{9}$
×4. $\frac{3}{7}$
Q. 12 A man rows 48 km and back in 48 hours. He can row 4 km with the stream in the same time as 3 km against the stream. The speed of the stream (in $\mathrm{km} / \mathrm{h}$ ) is:
Ans
$\times 1 \frac{7}{21}$
4. $\frac{3}{29}$
×3. $\frac{5}{21}$
ง. $\frac{7}{24}$

Question ID : 630680428812
Option 1 ID: 6306801673292
Option 2 ID : 6306801673295
Option 3 ID : 6306801673294
Option 4 ID : 6306801673293
Status : Not Answered
Chosen Option : --
Q. 13 The breadth of a rectangular lawn is decreased by $8 \%$ and its length is increased by $15 \%$. Find the percentage change in the lawn area.
Ans
Х $1.8 .5 \%$ decrease
X 2. 8.5\% increase
X 3.5.8\%decrease
4. $5.8 \%$ increase
Q. 14 The in-radius of a triangle is 8 cm , and the sum of the lengths of its sides is 125 cm . The area of the triangle (in $\mathrm{cm}^{2}$ ) is

Ans $\times 1.480$
$\times 2.250$

- 3.500

X4. 1000

Option 1 ID : 6306801643921
Option 2 ID : 6306801643922
Option 3 ID : 6306801643920
Option 4 ID : 6306801643919
Q. 15 If $\sin (x+y)=\cos \{3(x+y)\}$, then, the value of $\cot \{2(x+y)\}$ is $\qquad$ -.
Ans
$\times 1.2$
2. 1

X 3.-1
(4. -2
Q. 16

The value of $\frac{2 \cos 15^{\circ} \sin 15^{\circ}}{\cos ^{2} 15^{\circ}-\sin ^{2} 15^{\circ}}$ is:
Ans
21. $\frac{1}{\sqrt{3}}$
2. $\sqrt{3}$
×3. $\frac{\sqrt{5}-1}{\sqrt{5+1}}$
$\times 4 . \infty$
Q. 17 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 $\downarrow$ | 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 |

Which type of car constituted $25 \%$ of the total production of all types of cars in 1993?

Ans
X1.R
X 2. Q
$\times 3$. P

- 4 . S
Q. 18

The value of $\underline{7+8 \times 8 \div 8 \text { of } 8+8 \div 8 \times 5}$ is:: $4 \div 4$ of $4+4 \times 4 \div 4-4 \div 4$

Ans

- 1.4
$\times 2.3$
$\times 3.2$
X 4.1

Q. 19 The value of $\frac{(275 \times 275 \times 275+725 \times 725 \times 725)}{(275 \times 275+725 \times 725-725 \times 275)} \times \frac{(275 \times 275 \times 275-725 \times 725 \times 725)}{(275 \times 275+725 \times 725+725 \times 275)}$ is:

Ans
X 1. -45000
2. 450000
3. 45000
4. -450000

Question ID : 630680107182
Option 1 ID : 630680416114
Option 2 ID : 630680416115
Option 3 ID : 630680416113
Option 4 ID : 630680416112
Status : Answered
Chosen Option : $\mathbf{4}$
Q. 20 If $x^{2}+4 y^{2}+2 x+1=0$, then find the value of $x^{39}+y^{36}$.

Ans $\times 1.1$
2.-1
$\times 3.2$
$\times 4 .-2$
Q. 21 The value of $(12+18) \div 2-11+16 \times 4-28+13(-18+15)$ is:

Ans
$\times 1.3$
X2.0

- 3.1
$\times 4.2$

Q. 22 A trader gives a $40 \%$ discount on his goods. Further, he gives $20 \%$ discount on the goods. Find the single discount equivalent to these two successive discounts.
Ans
X $1.30 \%$
X $2.60 \%$
× $3.50 \%$

4. $52 \%$
Q. 23 The area of a triangle is $486 \mathrm{~cm}^{2}$ and its sides are in the ratio 3:4:5. The perimeter of the triangle is:
Ans
5. 108 cm
6. 308 cm
7. 218 cm
8. 105 cm
Q. 24 A drink is made by mixing water and juice in the ratio $9: 7$. If $x$ litres of water and $2 x$ litres of juice are mixed in 160 litres of drink, then the new ratio becomes $13: 15$. The quantity of drink (in litres) is:
Ans
$\times 1.240$
9. 280
$\times 3.300$
10. 260

Q. 25 Study the given table and answer the question that follows.

The table shows the number of voters at three different centres $\mathrm{A}, \mathrm{B}, \mathrm{C}$.

| Centre | Total number of <br> registered voters | Percentage of people who voted (Out of <br> the total number of registered voters) |
| :---: | :---: | :---: |
| A | 4600 | 78 |
| B | 5400 | 70 |
| C | 6500 | 85 |

Number of people who did not vote at centre B is what percentage more than those who did not vote at centre C?

Ans
$\times 1.66 \frac{3}{13} \%$
X 2. $66 \frac{1}{13} \%$

- 3. $66 \frac{2}{13} \%$

X4. $66 \frac{5}{13} \%$
Q. 26 Simplify $\frac{\tan 71^{\circ}+\tan 19^{\circ}}{1-\tan 71^{\circ}}$
$1-\tan 71^{\circ} \tan 19^{\circ}$
Ans
$\times 1.0$
$\times 2 . \sqrt{3}$
3. Not defined
$\times 4.1$

Q. 27 The following table gives the number of males, females, educated males and educated females in a village over the years 2016-2020. Study the table carefully and answer the question.

| Year/ No. | 2016 | 2017 | 2018 | 2019 | 2020 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Males | 1050 | 1200 | 1250 | 1300 | 1400 |
| Females | 900 | 1000 | 1020 | 1100 | 1200 |
| Educated <br> males | 850 | 1000 | 1100 | 1150 | 1200 |
| Educated <br> females | 600 | 820 | 950 | 980 | 1000 |

Find the percentage of the total number of educated females to the total number of females over all the years (up to 2 decimal places).

Ans

1. 0.9233
2. 0.8623
3. 0.8333
4. 0.8923

Question ID : 630680869712
Option 1 ID : 6306803406214
Option 2 ID : 6306803406216
Option 3 ID : 6306803406215
Option 4 ID : 6306803406217
Status: Not Answered
Chosen Option : --
Q. 28 Simplify 63-[15+\{17-(9-7+1)\}].

Ans
$\times 1.44$
$\times 2.40$

- 3. 

X 4.30


| Question ID : 630680428123 |
| :---: |
| Option 1 ID : 6306801670539 |
| Option 2 ID : 6306801670536 |
| Option 3 ID : 6306801670538 |
| Option 4 ID : 6306801670537 |
| Status: Answered |
| Chosen Option : 3 |

Q. 29 The distance between two stations $A$ and $B$ is 800 km . A train covers the journey from $A$ to $B$ at a speed of $90 \mathrm{~km} / \mathrm{h}$ and returns to $A$ with a uniform speed of $65 \mathrm{~km} / \mathrm{h}$. Find the average speed of train during the whole journey (in $\mathrm{km} / \mathrm{h}$ )?
Ans

1. 75.48
2. 70.45
3. 82.36
4. 80.50
Q. 30 Find the value of the following expression.
$(1+\tan \theta+\sec \theta) \times(1+\cot \theta-\operatorname{cosec} \theta)$
Ans
X 1. $\cos \theta \sin \theta$
$\times 2.1$
-3. 2
X4. $\tan \theta$
Q. 31 Study the given pie-graph and answer the question that follows.

In a certain company, allocations to various sectors of the yearly budget per ₹7,200
crores are represented by this pie-diagram.


The expenditure (in ₹) on Infrastructure is:
Ans
X 1. ₹6,098 crores
X 2. ₹1,649 crores
X 3. ₹6,089 crores
4. ₹1,694 crores
Q. 32 The following table shows the shares traded on Mumbai, Rajasthan, Uttar Pradesh and Uttarakhand stock exchanges:

|  | Mumbai |  | Uttarakhand |  | Rajasthan |  | Uttar Pradesh |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Name of the company | High | Low | High | Low | High | Low | High | Low |
| Aata tea | 540 | 395 | 450 | 4255 | 320 | 510 | 440 | 310 |
| Kolgate | 34 | 57 | 60 | 42 | 25 | 60 | 20 | 70 |
| Jmbuja cement | 150 | 155 | 120 | 125 | 160 | 135 | 145 | 170 |

For Jmbuja cement, the ratio of the high rate of share to the low rate is maximum in the stock exchange at:
Ans 1. Rajasthan
X 2. Mumbai
3. Uttar Pradesh
4. Uttarakhand
Q. 3318 students of a class took part in a quiz. If the number of girls is 8 more than the number of boys, find the product of the number of boys and girls.

Ans
X 1.63
$\times 2.36$
3. 56
4. 65

Question ID : 630680413578
Option 1 ID : 6306801613139
Option 2 ID : 6306801613138
Option 3 ID : 6306801613136
Option 4 ID : 6306801613137
Status: Answered
Chosen Option: 4
Q. 34 If $a+b+c=13$ and $a b+b c+c a=22$, then the value of $a^{3}+b^{3}+c^{3}-3 a b c$ is $\qquad$ -

Ans
$\times 1.1225$
X 2.1625
2. 1339
$\times 4.1911$
Q. 35 A hostel had food provision for 300 students for a month. After 20 days, 50 students left the hostel. How long would the remaining food last? ( 1 month = $\mathbf{3 0}$ days)
Ans
X 1.14 days
2. 12 days
3. 10 days
4. 16 days
Q. 36 A person bought two buffaloes for₹ 11,520 . One is sold at a loss of $15 \%$ and the other is sold at a gain of $19 \%$. If the selling price of both buffaloes is equal, find the cost price of the first one.

Ans
X 1. ₹6,700
2. ₹ 6,720

X 3. ₹6,710
4. ₹6,715
Q. 37 If the simple interest on a certain sum of money for 20 months at the rate of $19.2 \%$ per annum exceeds the simple interest on the same sum for 15 months at the rate of $11.2 \%$ p.a. by ₹ 2,920 , then what is the sum (in ₹, to the nearest hundreds)?

Ans
X 1.16,620
X 2. 12,660
$\times 3$
3. 16,660
4. 16,200

Q. 38 Find the surface area (in $\mathrm{m}^{2}$ ) of a cuboid that is 11 m long, 7 m broad and 4 m high.

Ans
$\times 1.249$
X 2. 289

- 3.298
4.320
Q. 39

The following table shows the Gross Turnover (in Crores) of a
company over five years:

| Year | Gross Turnover |
| :---: | :---: |
| 2015 | 13 |
| 2016 | 20 |
| 2017 | 15 |
| 2018 | 23 |
| 2019 | 25 |

The Gross Turnover for 2017 is what per cent of the Gross
Turnover for 2019?
Ans
X1. 16

- 2.60
$\times 3.6$
$\times 4.0 .06$

Q. 40 Find the volume (in $\mathrm{cm}^{3}$ ) of a hemisphere of radius 18 cm . (Use $\pi=\frac{22}{7}$ ) (Rounded off to two decimal places)

Ans
$\times 1.12200 .43$
2. 12219.43
$\times 3.18750 .23$
4. 11250.25
Q. 41 A 234 m long train passes a person running at $9 \mathrm{~km} / \mathrm{h}$ in the opposite direction, in 6 seconds. In how much time (in seconds) will it pass another person who is moving at 23.4 km/h, in the same direction?

Ans

1. 7.8
2. 7.2
3. 8
4. 8.4
Q. 42 The speed of a boat when travelling downstream is $33 \mathrm{~km} / \mathrm{h}$, whereas when travelling upstream it is $27 \mathrm{~km} / \mathrm{h}$. What is the speed of the boat in still water?
Ans
5. $30 \mathrm{~km} / \mathrm{h}$

X $2.60 \mathrm{~km} / \mathrm{h}$
X $3.12 \mathrm{~km} / \mathrm{h}$
$4.6 \mathrm{~km} / \mathrm{h}$
Q. 43 Swati earns a sum of ₹ 40,000 , out of which she saves $25 \%$. She spends the remaining amount on food and education in the ratio of $3: 2$. What is the percentage of expenditure incurred on education to her total income?
Ans

1. $30 \%$
$\times 2.60 \%$
$\times 3.40 \%$
X4. $20 \%$


Question ID : 630680429160
Option 1 ID : 6306801674685
Option 2 ID : 6306801674687
Option 3 ID : 6306801674686
Option 4 ID : 6306801674684 Status : Answered
Q. 44 What is the area of the sector of a circle whose radius is 35 cm and whose arc subtends an angle of $72^{\circ}$ at the centre of the circle?

$$
\left(\pi=\frac{22}{7}\right)
$$

Ans
V $1.770 \mathrm{~cm}^{2}$
$\times 2.610 \mathrm{~cm}^{2}$
$\times 3.810 \mathrm{~cm}^{2}$
$\times 4.970 \mathrm{~cm}^{2}$
Q. 45 Simplify:
$27 \div 4$ of $6 \times[16 \div 8 \times(12-8)]-(14 \div 7 \times 28)$
Ans
X 1.62
2. - 51
3. -47
4. 27

Question ID : 630680427989
Option 1 ID : 6306801670001
Option 2 ID : 6306801670002
Option 3 ID : 6306801670000
Option 4 ID : 6306801670003
Status: Answered
Chosen Option : 3
Q. 46 Taking any three of the line segments out of segments of length $2 \mathrm{~cm}, 5 \mathrm{~cm}, 7 \mathrm{~cm}$ and 8 cm , the number of triangles that can be formed is:
Ans
$\times 1.1$
$\times 2.3$
$\times 3.4$

- 4.2

Question ID : 630680421454
Option 1 ID : 6306801644279
Option 2 ID : 6306801644281
Option 3 ID : 6306801644282
Option 4 ID : 6306801644280 Status : Not Answered
Q. 47 The value of $264 \div 8-1-32 \times 2+80 \div 5 \times 40 \div 20$ is:

Ans

1. 0
$\times 2.1$
$\times 3.3$
4.2
Q. 48 Study the given table and answer the question that follows.

The table shows the yearly production (in thousands) of scooters in five
different factories (P, Q, R, S and T) from 1985 to 1989.
Yearry production (in thoussands) ofscooters ind diferent factories.

| Factory | 1985 | 1986 | 1987 | 1988 | 1989 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $P$ | 20 | 15 | 24 | 13 | 17 |
| Q | 16 | 23 | 41 | 20 | 15 |
| R | 14 | 21 | 30 | 16 | 12 |
| S | 25 | 17 | 15 | 12 | 22 |
| T | 40 | 32 | 39 | 41 | 35 |
| Total | 115 | 108 | 149 | 102 | 101 |

The ratio of the production of scooters by factory P to that by factory T in 1985 is:

Ans
$\times 1.3: 2$
2.1:2

X $3.2: 3$
X4.2:1
Q. 49 The marked price of an immersion rod in an electronic store is ₹900. The store offers a discount of $\mathbf{1 2 \%}$ on its sale. At what price (in ₹) can a customer buy it from the electronic store?
Ans
X1.782
$\times 2.797$
$\times 3.787$
4. 792

Question ID : 630680869673
Option 1 ID: 6306803406058
Option 2 ID : 6306803406061
Option 3 ID : 6306803406059
Option 4 ID : 6306803406060
Status: Answered
Chosen Option : 4
Q. 50 Sapna is double efficient as compared to Rakesh. If they both work together on a project and complete it in 48 days, then the number of days in which Sapna alone can complete the project is:
Ans
$\times 1.68$
2. 72
$\times 3.52$
4. 69 ½

## Section : English Comprehension

Q. 1 Select the most appropriate ANTONYM of the underlined word in the following sentence.
The teacher praised the student for his diligent work and consistent effort.
Ans
X 1. frazzle
X 2. persistent
2. lazy
4. squander
Q. 2 Select the most appropriate synonym of the underlined word.

I will strive to win the race.
Ans
X 1. trouble
X 2. Support
X 3. Assume
4. Attempt

Question ID : 630680297283
Option 1 ID : 6306801156599
Option 2 ID : 6306801156600
Option 3 ID : 6306801156601
Option 4 ID : 6306801156602
Status: Answered
Chosen Option : 4
Q. 3 Select the most appropriate ANTONYM of the given word. Pitiable
Ans $\times 1$. Eradicate
2. Pleasant

X 3. Grievous
4. Aggregate

Question ID : 630680295216
Option 1 ID: 6306801148590
Option 2 ID : 6306801148591
Option 3 ID : 6306801148588
Option 4 ID : 6306801148589
Status : Not Answered
Chosen Option : --
Q. 4 Identify from the given options the word which is similar in meaning to the following word.

## Efface

Ans

Q. 5 Select the most appropriate synonym of the underlined word.

I was astonished to know the truth.
Ans

1. Stunned
$X$ 2. Awesome
2. Blindsided
3. Sickened

Question ID : 630680297282
Option 1 ID: 6306801156597
Option 2 ID : 6306801156596
Option 3 ID : 6306801156598
Option 4 ID : 6306801156595
Status : Answered
Chosen Option : 1
Q. 6 Select the phrase/idiom that will improve the underlined part of the given sentence. When our principal said she was leaving the company, I played out the opportunity to fill the job.
Ans
X 1. glided at the opportunity
2. jumped at the opportunity
3. started at the opportunity
4. ran to the opportunity
Q. 7 The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.
The sons of the old farmer / fell off after their father / breathed his last / in the village.
Ans
$X$ 1. in the village.
$\times$ 2. breathed his last
X 3. The sons of the old farmer
4. fell off after their father


Question ID : 630680415351
Option 1 ID : 6306801620154
Option 2 ID : 6306801620153
Option 3 ID : 6306801620151
Option 4 ID : 6306801620152
Status: Answered
Q. 8 Select the most appropriate option with correct usage of the preposition to substitute the underlined segment in the given sentence.
The core part in Artificial Intelligence (AI) is knowledge engineering, machine learning, machine perception, and robotics
Ans
1 1. The core part on Artificial Intelligence
2. The core part of Artificial Intelligence

X 3. The core part from Artificial Intelligence
X 4. The core part with Artificial Intelligence
Q. 9 Select the most appropriate ANTONYM of the given word. Quaint
Ans
X 1. Brisk
2. Ridiculous
3. Ordinary
4. Distinct
Q. 10 Select the sentence that has the correct use of words and spellings from the options given below.
Ans $\quad$ 1. The profesional athlete pushed her body to the limit, surpassing all expectations and acheiving a new personal record.
X 2. The profesional athlete pushed her body to the limit, surpasing all expectasions and achieving a new personal record.
X 3. The professional athlete pushed her body to the limit, surpasing all expectations and acheving a new personal record.
4. The professional athlete pushed her body to the limit, surpassing all expectations
and achieving a new personal record.
Q. 11 Select the most appropriate ANTONYM of the given word.

Languid
Ans
X 1. Exceptional
X 2. Lazy
X 3. Loyal

- 4. Energetic

Question ID : 630680436156
Option 1 ID: 6306801702566
Option 2 ID : 6306801702565
Option 3 ID : 6306801702568
Option 4 ID : 6306801702567
Status : Not Answered
Chosen Option : --
Q. 12 Select the most appropriate meaning of the idiom in the given sentence.

She's feeling under the weather today.
Ans $\times 1$. She's feeling happy and energetic.
X 2. She's feeling adventurous and ready for a challenge.
X 3. She's feeling worried about something.
4. She's not feeling well or is a bit sick.

Question ID : 630680517346
Option 1 ID: 6306802021780
Option 2 ID : 6306802021783
Option 3 ID : 6306802021782
Option 4 ID : 6306802021781
Status: Answered
Chosen Option : 4
Q. 13 Select the option that can be used as a one-word substitute for the given group of words.
Madness or obsession with males
Ans

Q. 14 Select the INCORRECTLY spelt word.

Ans
X 1. Assimilation
X 2. Pluckiness
$\times$ 3. Accumulation
2. Exestenalism
Q. 15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.
Not a word didn't they speak to the others about the sad turn of events.
Ans

1. did they speak
2. No substitution
3. do they speak
4. had they speak
Q. 16 Select the most appropriate meaning of the given idiom.

A vicious cycle
Ans

1. a situation in which one problem causes another one, making the original problem impossible to solve.
X 2. a situation in which one problem causes another one, making the first one easy to solve.
X 3. a situation in which one problem creates another one, making the original problem
easy to forget.
X 4. a situation in which several problems merge and become one extremely complex problem.
Q. 17 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 had done / my cooking when / Vishnu came to see me.
Ans
2. No error

X 2. I had done
X 3. Vishnu came to see me
X 4. my cooking when
Q. 18 Select the option that can be used as a one-word substitute for the given group of words.

A mythological animal with one horn on its forehead
Ans
X 1. Unicameral
X 2. Unipod
X 3. Unific
4. Unicorn
Q. 19 Select the most appropriate segment to substitute the underlined words in the given sentence.

Mr. Patel is likely to win the elections in the sweeping majority.
Ans

1. elections by a sweeping majority
2. elections on a sweeping majority
3. elections of a sweeping majority
4. elections at a sweeping majority
Q. 20 Select the option that can be used as a one-word substitute for the given group of words.

One who does not express himself freely.
Ans
X 1. Approachable
X 2. Immodest
3. Introvert

X 4. Outgoing
Q. 21 Select the most appropriate meaning of the given idiom. The best of both worlds
Ans

1. Everyone gets a chance
2. Stay strong in a difficult situation
3. Do a perfectly good job
4. Good in every way
Q. 22 Select the most appropriate idiom that can substitute the underlined words in the given sentence.
I have been living without a lot of money since I lost my job.
Ans
X 1. receiving a kickback
5. living hand to mouth
6. keeping my chin up
7. as genuine as a three-dollar bill


Question ID : 630680183590
Option 1 ID : 630680711369
Option 2 ID : $\mathbf{6 3 0 6 8 0 7 1 1 3 7 0}$
Option 3 ID : 630680711372
Option 4 ID : 630680711371
Q. 23 Identify the INCORRECTLY spelt word in the given sentence and select the option that rectifies the spelling error.
Thousands of years ago, great masters of Ayurveda, notebly Sushrut and Charaka, discussed in detail the use of spices for culinary and medical purpose.
Ans
X 1. Parpose
2. Notably

X 3. Discused
X 4. Cullinary
Q. 24 Select the most appropriate option to substitute the underlined segment in the given sentence.
The veteran footballer was expected for reach here by 10 o'clock, the notice said.
Ans
X 1. expected on reach here
2. expected to reach here
3. expected of reach here
4. expected by reach here
Q. 25 Underlined word in the sentence is not spelt correctly. Identify the correct spelling from the options given below. The boys seem irresponsibly insaucient about bullying the juniors.
Ans
X 1. Insoucient
X 2. Insuociant
3. Insouciant

X 4. Insouceant

Q. 26 Select the most appropriate option that can substitute the underlined word in the given idiom.
At the last hour
Ans
X 1. half
2. eleventh

X 3. sixth
X 4. twelfth
Q. 27 Select the most appropriate segment to substitute the underlined words in the given sentence.

The Sumo wrestler seemed to be incapable in being tired.
Ans

1. incapable of being tired

X 2. incapable from being tired
3. incapable to being tired
4. incapable by being tired
Q. 28 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Ratul's capability of being able to speak two languages is apt for this post.
Ans

1. bilingual
2. bicultural
3. bidialectical
(4. lingual
Q. 29 Parts of the following sentence have been given as options. Select the option that contains an error.
There are four tributaries of Ganga and it is ranked as the fifth most polluted river of the world.
Ans
$X 1$. is ranked as the fifth
4. of Ganga and it

X 3. There are four tributaries
X 4. most polluted river of the world.
Q. 30 Select the most appropriate meaning of the given idiom. Bite the bullet

Ans
X 1. To avoid a situation
$X$ 2. To help someone achieve their goals
3. To eat something unpleasant
4. To face a difficult situation

Question ID : 630680517281
Option 1 ID: 6306802021520
Option 2 ID : 6306802021523
Option 3 ID : 6306802021522
Option 4 ID : 6306802021521
Status : Answered
Chosen Option: $\mathbf{4}$
Q. 31 Select the INCORRECTLY spelt word in the given sentence.

Mount Vesuvius is a volcano that erapts hot ashes which fall from the sky like a blizzard.
Ans

1. Erapts

X 2. Blizzard
$X$ 3.Ashes
X 4. Volcano

Q. 32 Select the most appropriate ANTONYM of the given word. Suspend
Ans $\quad$ 1. Extend
X 2. Terminate
X 3. Project
4. Resume
Q. 33 Select the word which means the same as the group of words underlined in the given sentence.

Today, a man who betrayed his own country in exchange for money was the topic of every news report.
Ans
X 1. Gangster
X 2. Terrorist
2. Traitor

X 4. Conman
Q. 34 Select the most appropriate meaning of the given idiom. Beat around the bush

Ans

1. To avoid talking about what is important
$\times 2$. To await an explanation
2. To take on a task that is way too big
3. To do something without any hesitation


Question ID : 630680192449
Option 1 ID : 630680746387
Option 2 ID : $\mathbf{6 3 0 6 8 0 7 4 6 3 8 5}$
Option 3 ID : $\mathbf{6 3 0 6 8 0 7 4 6 3 8 8}$
Option 4 ID : $\mathbf{6 3 0 6 8 0 7 4 6 3 8 6}$
Status: Answered
Q. 35 Select the most appropriate ANTONYM of the underlined word.

The artist's abstract painting was enigmatic to the viewers.
Ans $\times 1$. Mysterious
X 2. Instigating
2. Clear

X4. Thrilling
Q. 36 Select the most appropriate meaning of the given idiom.

Through thick and thin
Ans 1. Always supporting someone even if there are problems or difficulties
2. Sometimes thin, sometimes thick
3. Never giving up a friendship
4. Never giving up on a goal

Question ID : 630680517379
Option 1 ID : 6306802021913
Option 2 ID : 6306802021912
Option 3 ID : $\mathbf{6 3 0 6 8 0 2 0 2 1 9 1 5}$
Option 4 ID : 6306802021914
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 37 Select the most appropriate option that can substitute the underlined words in the given sentence.

The road is too busy for elderly people that they cannot cross safely.
Ans
$\times 1$. that it is difficult to cross.
2. to cross safely.
3. that it cannot be crossed properly.
4. that it is impossible for them to cross.


Question ID : 630680443861
Option 1 ID : 6306801732765
Option 2 ID : 6306801732764
Option 3 ID : 6306801732766
Option 4 ID : 6306801732767
Status: Answered
Q. 38 Rectify the sentence by selecting the correct spelling of the underlined word from the options.
The baby smiled and laughed at the pickaboo game.
Ans
X 1. peakaboo
2. pikaboo
3. peekaboo
4. pekaboo
Q. 39 The given sentence is divided into four segments. Identify the segment that contains a grammatical error.
Had you been / working regularly, / you had completed / the project yesterday.
Ans
X 1 . Had you been
2. the project yesterday
3. you had completed
4. working regularly
Q. 40 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Before she began, she asked the teacher whether she write with a pen or a pencil.
Ans
X 1. she can write
X 2. she wrote
3. she should write

X 4. she did write.


## 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.
Childhood is an important phase in a person's life. Children are free from worries, tensions and stresses so they lead a very (1) $\qquad$ life. This is the only reason they create golden and beautiful memories during this period which are (2) $\qquad$ in their adulthood. It is the responsibility of parents and guardians to shape the future of a child as he is very
(3) $\qquad$ and can drift in any direction. If they have made any mistakes, we should
(4) $\qquad$ them instead of misbehaving with them. How we have behaved with them will be
(5) $\qquad$ on their minds which will reflect in later stages.

## SubQuestion No : 41

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

Ans

1. carefree
2. careful

X 3. stressful
X 4. cautious

## 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.
Childhood is an important phase in a person's life. Children are free from worries, tensions and stresses so they lead a very (1) $\qquad$ life. This is the only reason they create golden and beautiful memories during this period which are (2) $\qquad$ in their adulthood. It is the responsibility of parents and guardians to shape the future of a child as he is very
(3) $\qquad$ and can drift in any direction. If they have made any mistakes, we should
(4)
$\qquad$ _ on their minds which will reflect in later stages.

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

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.
Childhood is an important phase in a person's life. Children are free from worries, tensions and stresses so they lead a very (1) $\qquad$ life. This is the only reason they create golden and beautiful memories during this period which are (2) $\qquad$ in their adulthood. It is the responsibility of parents and guardians to shape the future of a child as he is very
(3) $\qquad$ and can drift in any direction. If they have made any mistakes, we should
(4) $\qquad$ them instead of misbehaving with them. How we have behaved with them will be
(5) $\qquad$ on their minds which will reflect in later stages.

## SubQuestion No : 43

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

Ans
X 1. mature
2. innocent

X 3. crafty
X 4. guilty

## 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.
Childhood is an important phase in a person's life. Children are free from worries, tensions and stresses so they lead a very (1) $\qquad$ life. This is the only reason they create golden and beautiful memories during this period which are (2) $\qquad$ in their adulthood. It is the responsibility of parents and guardians to shape the future of a child as he is very
(3) $\qquad$ and can drift in any direction. If they have made any mistakes, we should
(4)
$\qquad$ on their minds which will reflect in later stages.

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

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.
Childhood is an important phase in a person's life. Children are free from worries, tensions and stresses so they lead a very (1) $\qquad$ life. This is the only reason they create golden and beautiful memories during this period which are (2) $\qquad$ in their adulthood. It is the responsibility of parents and guardians to shape the future of a child as he is very
(3) $\qquad$ and can drift in any direction. If they have made any mistakes, we should
(4) $\qquad$ them instead of misbehaving with them. How we have behaved with them will be
(5) $\qquad$ on their minds which will reflect in later stages.

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

Ans
X 1. published
2. bleached
3. imprinted

X4. coloured

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever taken the time to stop and consider the dirt under your feet? Leonardo da Vinci said, "We know more about the movement of celestial bodies than about the soil underfoot." Yet, our very survival as humans - and life on this planet - is intimately linked with the health of a thin layer of soil enveloping the earth.
Soil provides society with essential food, feed, fibre and raw materials, as well as being home to a quarter of the earth's biodiversity. Soils are also the largest organic carbon reservoir on Earth and although highly dynamic, are very fragile. Chop a forest down and it might grow back in 50 years, but lose 10 cm of soil and get ready to wait 1,000 years to get it back. Without soil, our planet would be unrecognisable to us, and more like the barren and inhospitable surface of the Moon or Mars.
Until recently, we did not even know how deep the soil is below our feet. Like the best
mysteries, a bit of digging is required for soils to be fully understood and for their history to be laid bare.
When they are visible, a range of questions arise. What does the variation in colour with depth mean? How much carbon is stored? Is the soil dense or light, damaged or healthy? Answering these questions is important, but presents a significant challenge and may require years of training.

SubQuestion No : 46
Q. 46 Select the most suitable word from the passage which means 'difficult to stay or live in'.

Ans 1. Inhospitable
X 2. Dense
X 3. Barren
X4. Essential

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever taken the time to stop and consider the dirt under your feet? Leonardo da Vinci
said, "We know more about the movement of celestial bodies than about the soil underfoot."
Yet, our very survival as humans - and life on this planet - is intimately linked with the health of a thin layer of soil enveloping the earth.
Soil provides society with essential food, feed, fibre and raw materials, as well as being home to a quarter of the earth's biodiversity. Soils are also the largest organic carbon reservoir on Earth and although highly dynamic, are very fragile. Chop a forest down and it might grow back in 50 years, but lose 10 cm of soil and get ready to wait 1,000 years to get it back. Without soil, our planet would be unrecognisable to us, and more like the barren and inhospitable surface of the Moon or Mars.
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SubQuestion No : 47
Q. 47 How many years are required to renew the loss of 10 cm of soil?

Ans $\quad \times 1.1,00,000$
2. 1,000
$\times 3.100$
X4.10,000

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever taken the time to stop and consider the dirt under your feet? Leonardo da Vinci said, "We know more about the movement of celestial bodies than about the soil underfoot."
Yet, our very survival as humans - and life on this planet - is intimately linked with the health of a thin layer of soil enveloping the earth.
Soil provides society with essential food, feed, fibre and raw materials, as well as being home to a quarter of the earth's biodiversity. Soils are also the largest organic carbon reservoir on Earth and although highly dynamic, are very fragile. Chop a forest down and it might grow back in 50 years, but lose 10 cm of soil and get ready to wait 1,000 years to get it back. Without soil, our planet would be unrecognisable to us, and more like the barren and inhospitable surface of the Moon or Mars.
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When they are visible, a range of questions arise. What does the variation in colour with
depth mean? How much carbon is stored? Is the soil dense or light, damaged or healthy?
Answering these questions is important, but presents a significant challenge and may require years of training.

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

Ans
X 1. Derisive
X 2. Dogmatic
X 3. Sarcastic
4. Alarming

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever taken the time to stop and consider the dirt under your feet? Leonardo da Vinci
said, "We know more about the movement of celestial bodies than about the soil underfoot."
Yet, our very survival as humans - and life on this planet - is intimately linked with the health of a thin layer of soil enveloping the earth.
Soil provides society with essential food, feed, fibre and raw materials, as well as being home to a quarter of the earth's biodiversity. Soils are also the largest organic carbon reservoir on Earth and although highly dynamic, are very fragile. Chop a forest down and it might grow back in 50 years, but lose 10 cm of soil and get ready to wait 1,000 years to get it back. Without soil, our planet would be unrecognisable to us, and more like the barren and inhospitable surface of the Moon or Mars.
Until recently, we did not even know how deep the soil is below our feet. Like the best mysteries, a bit of digging is required for soils to be fully understood and for their history to be laid bare.
When they are visible, a range of questions arise. What does the variation in colour with depth mean? How much carbon is stored? Is the soil dense or light, damaged or healthy? Answering these questions is important, but presents a significant challenge and may require years of training.

SubQuestion No : 49
Q. 49 Identify the most suitable title for the given passage.

Ans $\times 1$. Moon and Mars Expedition
X 2. Necessity of Mining
X 3. The Uninhabitable Universe

- 4. Mysteries Under Man's Feet


## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever taken the time to stop and consider the dirt under your feet? Leonardo da Vinci said, "We know more about the movement of celestial bodies than about the soil underfoot."
Yet, our very survival as humans - and life on this planet - is intimately linked with the health of a thin layer of soil enveloping the earth.
Soil provides society with essential food, feed, fibre and raw materials, as well as being home to a quarter of the earth's biodiversity. Soils are also the largest organic carbon reservoir on Earth and although highly dynamic, are very fragile. Chop a forest down and it might grow back in 50 years, but lose 10 cm of soil and get ready to wait 1,000 years to get it back. Without soil, our planet would be unrecognisable to us, and more like the barren and inhospitable surface of the Moon or Mars.
Until recently, we did not even know how deep the soil is below our feet. Like the best mysteries, a bit of digging is required for soils to be fully understood and for their history to be laid bare.
When they are visible, a range of questions arise. What does the variation in colour with
depth mean? How much carbon is stored? Is the soil dense or light, damaged or healthy?
Answering these questions is important, but presents a significant challenge and may require years of training.

SubQuestion No : 50
Q. 50 Mankind's survival, according to the passage, solely depends on $\qquad$ -.

Ans $\times 1$.inventions
$X 2$ 2. celestial bodies
3. soil

X4. reproduction

