| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $05 / 10 / 2023$ |
| Exam Time | 9:00 AM - 11:00 AM |
| Subject | SICPO Paper I 2023 |

Section : General Intelligence and Reasoning
Q. 1 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.
Ans

1. LOKP

X 2. HMIL
X 3. KPLO
X4. SXTW
Q. 2 If the given sheet is folded to form a cube, which of the given figures are possible? (The elements are shown to indicate the sides only.)



1


2


3


4

Ans
$X 1$. Only 2 and 3
X 2. Only 2 and 4
3. Only 1 and 3

X 4. Only 1 and 4
Q. 3 Select the correct mirror image of the given figure, when the mirror is placed at line MN as shown.


Ans

Q. 4 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following equation? 94 C 12 B 6 A 216 D $9=$ ?
Ans

1. 46
$\times 2.52$
$\times 3.47$
$\times 4.68$
Q. 5 Which of the following numbers will replace the question mark (?) in the given series?

42, 53, 46, ?, 53, 66
Ans

- 1.58
$\times 2.51$
$\times 3.55$
$\times 4.48$

Question ID : 26433091012
Option 1 ID : 264330357458
Option 2 ID : 264330357460
Option 3 ID : 264330357459
Option 4 ID : 264330357457
Status : Not Answered
Q. 6 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans
$\times 1$

$\checkmark 2$.

$\times 3$

$\times 4$

Q. 7 Six friends are sitting in a circle facing the centre. Sumit sits second to the right of Amit. Karan is an immediate neighbour of Param. Tony sits third to the right of Amit. Dharam is an immediate neighbour of Amit and Sumit. Karan sits second to the right of Sumit.
Who sits fourth to the right of Param?
Ans
X 1. Karan
$X$ 2. Sumit
X 3. Dharam
4. Tony
Q. 8 Select the option that is related to the fifth number in the same way as the first number is related to the second number and the third number is related to the fourth number. 32: 10 :: 24 : 12 :: 98 :?
Ans
$\times 1.25$
$\times 2.24$
$\times 3.43$

- 4.34

Question ID : 26433079116
Option 1 ID : 264330310471
Option 2 ID : 264330310468
Option 3 ID : 264330310469
Option 4 ID : 264330310470
Status : Not Answered
Chosen Option : --
Q. 9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
$(7,52),(9,84)$
Ans

- 1 (11, 125 )
$\times 2 .(11,125)$
X 3. $(14,196)$
X4. $(8,65)$

Question ID : 264330145295
Option 1 ID : 264330569435
Option 2 ID : 264330569437
Option 3 ID : 264330569438
Option 4 ID : 264330569436
Status: Answered
Chosen Option : 1
Q. 10 Three different positions of the same dice are shown. Find the number on the face opposite the face showing ' 6 '.


Ans
$\times 2.3$
X 3.1
$\times 4.2$
Q. 11 If the given sheet is folded to form a cube, which of the given figures is/are possible? (The numbers are shown to indicate the sides only.)


Ans

1. Only 4

X 2. Only 3
X 3 . Only 1 and 4
X4. Only 2

Question ID : 26433065672
Option 1 ID : 264330257251
Option 2 ID : 264330257250
Option 3 ID : 264330257248
Option 4 ID : 264330257249
Status : Answered
Q. 12 In a certain code language, 'COLD' is coded as ' 6428 ' and 'TIDE' is coded as ' 9673 '. What is the code for ' $D$ ' in the given code language?
Ans
$\times 1.2$

- 2.6
$\times 3.3$
$\times 4.9$

Question ID : 264330169654
Option 1 ID : 264330665315
Option 2 ID : 264330665317
Option 3 ID : 264330665316
Option 4 ID : 264330665318
Status : Answered
Q. 13 Select the Venn diagram that best illustrates the relationship between the following classes.
Europe, United Kingdom, London
Ans
$\times 1$

$\times 2$

$\times 3$


- 4. 



Question ID : 264330132030
Option 1 ID : 264330517216
Option 2 ID : 264330517215
Option 3 ID : 264330517218
Option 4 ID : 264330517217
Status: Answered
Q. 14 ' $Z$ @ $A$ ' means ' $Z$ is the son of $A$ '.
' $Z{ }^{*} A$ ' means ' $Z$ is the brother of $A$ '.
' $Z \times A$ ' means ' $Z$ is the father of $A$ '.
' $Z$ \# A' means ' $Z$ is the sister of $A$ '.
' $Z \$ A$ ' means ' $Z$ is the daughter of $A$ '.
' $Z=A$ ' means ' $Z$ is the mother of $A$ '.
How is A related to $Y$ in the following expression?
A*S = J @ M $\times \mathbf{Y}$
Ans
$X 1$. $A$ is the father of $Y$.
$X$ 2. $A$ is the brother of $Y$.
3. A is the brother of Y 's mother.
$X 4$. $A$ is the cousin of $Y$.
Q. 15 Which letter-cluster will replace the question mark (?) to complete the given series? ZFKQ, BCMN, ?, FWQH, HTSE
Ans
X 1. DZPJ
$\times 2$. DBOM
X 3. DAOL

- 4. DZOK

Question ID : 26433076663
Option 1 ID : 264330300719
Option 2 ID : 264330300718
Option 3 ID : 264330300717
Option 4 ID : 264330300716
Status : Answered
Q. 16 If ' + ' means ' $\div$ ' , ' - ' means ' + ' , ' $x$ ' means ' - ' and ' $-\bar{\prime}$ ' means ' $x$ ', then what will come in place of (?) in the given equation?
$8 \div 5-5 \times 10+2=$ ?
Ans

1. 40
$\times 2.30$
$\times 3.35$
$\times 4.45$
Q. 17 Select the figure that will come next in the following figure series.


Ans

, 2.

$\times 3$

X 4.

Q. 18 Select the correct mirror image of the given pattern when the mirror is placed at 'MN' as shown below.


Ans

Q. 19 F is the brother of $J . E$ is the sister of $D . K$ is the sister of $L$. $D$ is the son of $L$. $J$ is the father of $E$. How is $D$ related to $F$ ?
Ans
$X 1$. Sister's husband
2. Brother's son
$\times$ 3. Wife
X 4. Brother's daughter
Q. 20 In a certain code language, 'EDUCATION' is written as 'FCVBBSJNO' and 'MICROSOFT' is written as 'NHDQPRPEU'. How will 'SEMICIRCLE' be written in that language?
Ans

1. TDNHDHSBMD

X 2. TDNHHDSBFM
X 3. TDHNDHSFBD
X 4. TDNHHDSBFD
Q. 21 Select the option figure which is embedded in the given figure as its part (rotation is NOT allowed).


Ans

$\times 3$.

$\times 4$

Q. 22 Select the option that is related to the third word in the same way as the second word is related to the first word.
(The words must be considered as meaningful words and must not be related to each
other based on the number of letters/number of consonants/vowels in the word.)
Pedal : Bicycle :: Oar : ?
Ans
X 1. Car
X 2. Television

- 3. Canoe

X 4. Motorcycle
Q. 23 P is to the north of $Q$. $T$ is to the east of $Q$ and $S$ is to the east of $P$. $S$ is to the northeast of T and south-west of $R$. What is the position of $R$ with respect to $Q$ ? (All positions are arranged in GRID pattern)
Ans

1. North-east
$X$ 2. South-west
X 3. East
$\times 4$. South
Q. 24 Choose one of the following correct combinations of mathematical signs which can be filled to balance the following equation.
86
86
4212$3>$ 12 D 3 4

Ans
$\chi_{1 .+,-, \div, \times,=,+}$

- $2 .-,-, \div,=, \times,+$
$\chi_{3 .-,+, \div, \times,=,+}$
Х4.-, +, $\times,=, \div,+$
Q. 25 Six students are sitting around a circular table facing the centre. $A$ is an immediate neighbour of both $E$ and $D$. $E$ sits third to the right of $C$. $D$ sits third to the left of $F$. $E$ is an immediate neighbour of $F$. $B$ sits second to the left of $E$. Who is the immediate neighbour of both $A$ and $C$ ?

Ans
X1.E

- 2. D

X3.F
$\times 4$. B
Q. 26 If ' + ' means ' - ', ' - ' means ' $\div$ ', ' $-\div$ ' means ' $x$ ' and ' $x$ ' means ' + ', then what will come in place of the (?) in the following equation?
$15 \times 30+15-3 \div 2=$ ?
Ans
$\times 1.15$
$\times 2.30$

- 3.35
$\times 4.40$

Question ID : 264330114249
Option 1 ID : 264330449081
Option 2 ID : 264330449082
Option 3 ID : 264330449083
Option 4 ID : 264330449084
Status: Answered
Q. 27 Which of the following terms will replace the question mark (?) in the given series?

HKOE , KNOE , ?, QTOE , TWOE
Ans

1. NQOE

X 2. QNOE
$\times$ 3. NQEO
X 4. NOQE
Q. 28 उस विक का चयन कीजिए, जो तीसरे श से उसी कार संबंकित है, िजस कार दू सराश पहले शसे संबंधित है। (शोंं को अथपण'शोंें के पम माना जाना चाठिए, और वह श म अ रों की सं\% T/D जनो $\mathbf{4}$ रों की सं\% के आधार पर एक-दू सरे से संबंडित नहीं होना चािहए।)

इ ग करना (Yearn) : लालसा करना (Crave) :: फु त (Haste) : ?
Ans

1. त रता (Alacrity)

X 2. तरसना (Hanker)
X 3. विलंब (Delay)
X4. वि ाम (Leisure)
Q. 29 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking
down the numbers into its constituent digits. E.g. 13- Operations on 13 such as adding
/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3
and then performing mathematical operations on 1 and 3 is not allowed.)
$(23,6,35)$
$(13,5,23)$
Ans
X $1 .(24,5,33)$
$\times 2 .(16,4,20)$
3. $(25,8,41)$

X4. $(13,7,28)$
Q. 30 If ‘ + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ‘ $\div$ ’ and ' $\div$ ’ means ' + ', what will come in place of '?' in the following equation?
$42 \times 6-7 \div 13+28=$ ?
Ans
$\times 1.43$
$\times 2.27$

- 3.34
$\times 4.39$
Q. 31 In a certain code language, 'GRAPE' is coded as 21-54-3-48-15 and 'MELON' is coded as $39-15-36-45-42$. How will 'PEACH' be coded in the same language?
Ans
X 1. 48-15-3-8-27

2. 48-15-3-9-24

X 3. 49-15-3-9-27
4. 45-16-3-9-24

Question ID : 264330132208
Option 1 ID : 264330517927
Option 2 ID : 264330517928
Option 3 ID : 264330517930
Option 4 ID : 264330517929
Status : Answered
Q. 32 Which number will replace the question mark (?) in the following series?

6, 20, 42, ?, 110, 156
Ans $\times 1.80$

- 2.72
$\times 3.50$
$\times 4.64$

Question ID : 26433067831
Option 1 ID : 264330265836
Option 2 ID : 264330265837
Option 3 ID : 264330265839
Option 4 ID : 264330265838
Status : Not Answered
Q. 33 Which of the following numbers will replace the question mark (?) in the given series? 473, 517, 561, ?, 649, 693
Ans
$\times 1.607$
$\times 2.598$
X 3.603

- 4.605

Question ID : 26433067627
Option 1 ID : 264330265022
Option 2 ID : 264330265020
Option 3 ID : 264330265021
Option 4 ID : 264330265023
Status : Answered
Q. 34 Select the option that represents the letters which, when sequentially placed from left to right in the blanks below, will complete the letter series.
_L_KS_TU_S L_K
Ans

1. LUSKTUK

X2.UTSKTLU
3. STULKTU

X4.KTULUTS
Q. 35 Select the option that represents the correct order of the given words as they would appear in an English dictionary?
1.Flint
2.Flec
3.Flaw
4.Fleet
5.Flight

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

- $3.3,2,4,5,1$

X4.3,4,2,5,1
Q. 36 Which figure from the given options would replace the question mark (?) if the following figure series were to be continued?


Ans


Question ID : 264330145481
Option 1 ID : 264330570181
Option 2 ID : 264330570179
Option 3 ID : 264330570180
Option 4 ID : 264330570182
Q. 37 Select the set in which the numbers are related in the same way as are the numbers of the following set.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is NOT allowed)
(2, 5, 341)
$(1,7,510)$
Ans
X $1 .(8,2,140)$
, 2. $(1,2,25)$
X $3 .(2,5,56)$
X4. $(3,6,64)$

Question ID : 264330145323
Option 1 ID : 264330569547
Option 2 ID : 264330569549
Option 3 ID : 264330569550
Option 4 ID : 264330569548
Status: Answered
Chosen Option : 2
Q. 38 Six characters A, B, C, 1, 2 and 3 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the character on the face opposite to C.


Ans
$\times 1.2$
$\times 2.1$

- 3.3

X4.B
Q. 39 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
Some dates are hazelnuts.
All hazelnuts are walnuts.
Conclusions:
I. Some dates are walnuts.
II.Some walnuts are hazelnuts.

Ans
. Both the conclusions follow
X 2. Only conclusion I follows
X 3. Neither conclusion I nor II follows
4. Only conclusion II follows
Q. 40 Pooja drives 4 km towards east from point A. She takes a right turn and drives $\mathbf{2 k m}$. Then she takes a left turn and drives 3 km . Again, she takes a left turn and drives 2 km to reach point B. How far and towards which direction should she drive now in order to reach point A again?
Ans

1. 7 km towards west

X 2.4 km towards south
X 3.4 km towards east
X 4.5 km towards north
Q. 41 In this question, three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements.
Statements:
I. All teas are coffees.
II. All coffees are beverages.
III. Some teas are drinks

Conclusions:
. All teas are beverages.
II. No drink is a coffee.

Ans

1. Only conclusion I follows

X 2. Only conclusion II follows
X 3. Both conclusions I and II follow
4. Neither conclusion I nor II follows
Q. 42 Given below are two statements and two conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion(s) follow(s) the given statements.
Statements:
All irons are coppers.
All coppers are aluminiums.
Conclusions:
I. Some aluminiums are irons
II. Some aluminiums are coppers

Ans

1. Only conclusion II follows

X 2. Neither conclusion I nor II follows
X 3. Only conclusion I follows
2. Both the conclusions follow
Q. 43 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Desperate
2. Desolate
3. Destruction
4. Desire
5. Descend
6. Destination

Ans $\quad \times 1.5,4,2,1,3,6$
X 2.5,4, 1, 6, 2, 3

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

X4.5,4,1,2,6,3
Q. 44 In a certain code language, 'YATCH' is coded as 67 and 'DINE' is coded as 40 . How will 'MANGO' be coded in that language?
Ans
$\times 1.57$

- 2.60
$\times 3.62$
$\times 4.65$
Q. 45 Which of the given figures when placed in the $5^{\text {th }}$ position would continue the series that is established by the first four figures?

| $M^{+}$ | $2^{W}$ | S $+\quad$ | ${ }_{W}{ }^{+}$ |
| :---: | :---: | :---: | :---: |
| S | $+$ | M | 2 |

Ans
$+$
Q. 46 If ' + ' means ' - ', ' - ' means ' $x$ ', ' $x$ ' means ' $\div$ ' and ' $\div$ ' means ' + ', what will come in place of '?' in the following equation?
$45-3 \div 144 \times 12+38=$ ?
Ans
$\times 1.123$
2. 109

X 3.91
X4.95
Q. 47 Three of the following letter-clusters are alike in some manner and one is different. Select the one that is different.
Ans
X 1. OKNL
2. JQAZ
3. FBEC
4. HDGE

Question ID : 264330145347
Option 1 ID : 264330569643
Option 2 ID : 264330569644
Option 3 ID : 264330569645
Option 4 ID : 264330569646
Status : Answered
Chosen Option : 2
Q. 48 In a certain code language, 'STORY' is coded as ' 97 ' and 'PULL' is coded as ' 61 '. How will 'INCOME' be coded in that language?
Ans
1.54
-2. 49
3. 59
4. 47
Q. 49 Which of the following numbers will replace the question mark (?) in the given series

32, 32, 32, 34, ?, 106, 530
Ans
$\times 1.96$
$\times 2.38$

- 3.102
$\times 4.34$
Q. 50 Which two signs should be interchanged to make the given equation correct?
$729 \times 9-(56-6) \times 5 \div 2+152 \times 19=69$
Ans
$\times 1 . \times$ and +

2. $\times$ and $\div$
$\times 3 . \div$ and -
X4.+ and -

Option 1 ID : 264330569603
Option 2 ID : 264330569605
Option 3 ID : 264330569606
Option 4 ID : 264330569604
Status: Answered
Chosen Option : 2

Section: General Knowledge and General Awareness
Q. 1 Ashtadhyayi, is a Sanskrit treatise on grammar, written in the 6 th to 5 th century BCE by $\qquad$
Ans

1. Panini
$\times$ 2. Patanjali
X 3. Agastya
X 4. Vishvamitra
Q. 2 The provision of fundamental duties in the Indian Constitution is inspired by

Ans

- 1. the constitution of USSR
$\times$ 2. the constitution of France
$X$ 3. the constitution of Canada

4. the constitution of USA
Q. 3 Which of the following is NOT included in inventory investment when calculating national income?
Ans
5. Change in sales during the year
$X$ 2. Change in stock of raw material
X 3. Change in stock of semi-finished goods
6. Change in stock of finished goods
Q. 4 The birth rate indicates the number of live births occurring during the year per $\mathbf{1 0 0 0}$ population estimated at midyear.
Ans
7. crude
$\times 2$ 2. positive
$X$ 3. negative
X 4. neutral
Q. 5 The shape of a basketball court is a $\qquad$ -.

Ans
$X 1$. square
2. rectangle
3. triangle
4. circle
Q. 6 Under which Article of the Indian Constitution shall the executive power of the Union be vested in the President?
Ans

1. Article 53
$\times 2$. Article 55
X 3. Article 58
X4. Article 56
Q. 7 आप उस कार की दवाओं को Tकहते ह, जो Uाही (receptor) को 4 च ऑन करके ाकृ ितक संदेशवाहक (natural messenger) की ितकृ ति करती ह?
Ans
X 1. नि-अवसादक (Antidepressants)
2. एगोठिन ${ }^{m m}$ (Agonist)

X 3. अवसादक (Depressants)
X 4. एंटागोणन'm (Antagonist)

Question ID : 264330145209
Option 1 ID : 264330569094
Option 2 ID : 264330569093
Option 3 ID : 264330569091
Option 4 ID : 264330569092
Status : Not Answered
Q. 8 In which of the following years did the government opt for a plan holiday after the seventh five-year plan?
Ans $\quad$ 1. From 1991 to 1993

- 2. From 1990 to 1992

X 3. From 1992 to 1993
4. From 1989 to 1991
Q. 9 Which of the following did NOT emerge as a result of disintegration of the Bahmani
kingdom during the $16^{\text {th }}$ century?
Ans
X 1. Ahmadnagar
2. Gaur

X 3. Golconda
X 4. Bidar
Q. 10 When was the $8^{\text {th }}$ round of the General Agreement on Tariffs and Trade (GATT), the socalled 'Uruguay Round' which led to the establishment of World Trade Organization (WTO) completed?
Ans
$\times 1.1993$

- 2.1994
$\times 3.1991$

4. 1992
Q. 11 In which of the following languages is 'Childhood Days - A Memoir' by Satyajit Ray written?

Ans

1. Hindi
$X$ 2. Telugu
X 3. Kannada
2. Bengali
Q. 12 Which of the following dance forms originated in Southeastern India?

Ans $\times 1$. Chhau
X 2. Sattriya
X 3. Kathak
4. Kuchipudi
Q. 13 Where is Red Lake found?

Ans

1. USA

X 2. UK
X 3. China
X4. Japan
Q. 14 How many fundamental duties are listed in the Indian Constitution as of 2022?

Ans
$\times 1.13$
$\times 2.10$
X 3.12
4. 11

Question ID : 264330113380
Option 1 ID : 264330445608
Option 2 ID : 264330445605
Option 3 ID : 264330445607
Option 4 ID : 264330445606
Status : Not Answered
Chosen Option : --
Q. 15 Which of the following is NOT an example of small savings?

Ans

1. Mutual Funds

X 2. National Savings Certificates
X 3. Kisan Vikas Patras
4. Post Office Deposits
Q. 16 $\qquad$ land is suitable for cropping on a regular basis.
Ans $\times 1$. Urban
X 2. Barren

- 3. Arable

X4. Marginal
Q. 17 Who among the following had written the novel Coolie, that concentrated on social misery caused by inhumanity?
Ans $\times 1$. RK Narayan
X 2. Vijay Tendulkar
X 3. VS Naipal
4. Mulk Raj Anand
Q. 18 Which of the following dance forms traces its lineage to the ancient dance of Sadir Attam?

Ans

1. Bharatanatyam

X 2. Kuchipudi
X 3. Mohiniyattam
X 4. Kathakali
Q. 19 What percentage of jobs in India are at risk of automation, as per World Bank data, 2016?
Ans
$\times 1.77 \%$
X 2. $40 \%$

- 3. $69 \%$
$\times 4.55 \%$
Q. 20 निन fिलिखत म से कौन-सा गोलकृ

ठि है? Ans $\times 1$. नैने रया
(Planaria)
2. ए रे रस (Ascaris)

X 3. यकृ त् पणकक्मि (Liver fluke)
X 4. टीिनया (Taenia)

Question ID : 26433082205
Option 1 ID : 264330322656
Option 2 ID : 264330322653
Option 3 ID : 264330322655
Option 4 ID : 264330322654
Status : Not Answered
Chosen Option : --
Q. 21 Which of the following indicates the system introduced by Lord Cornwallis granting legal ownership of land to the zamindars in Bengal in order to get a fixed revenue by a fixed date?
Ans
X 1. The Ryotwari System
X 2. Mahalwari System
X 3. Taluqdari System
4. The Permanent Settlement
Q. 22 Vultures are:

Ans

1. carnivores
$\times 2$ 2. omnivores
X 3. decomposers
X 4. herbivores

Question ID : 26433086613
Option 1 ID : 264330340096
Option 2 ID : 264330340094
Option 3 ID : 264330340093
Option 4 ID : 264330340095
Status: Answered
Chosen Option : 1
Q. 23 Which of the following is NOT an example of a minor industrial region of India?

Ans
X 1. Durg-Raipur region
X 2. Ambala-Amritsar region
X 3. Northern Malabar region
4. Hugli region

Question ID : 264330145256
Option 1 ID : 264330569282
Option 2 ID : 264330569281
Option 3 ID : 264330569280
Option 4 ID : 264330569279
Status : Not Answered
Q. 24 Jagjit Singh is associated with which form of singing?

Ans

1. Ghazal

X 2. Thumri
X 3. Dhrupad
X 4. Tappa
Q. 25 By observing the motion of objects on an inclined plane deduced that objects move with a constant speed when no force acts on them.
Ans
X 1. Michael Faraday
X 2. Johannes Kepler
3. Galileo
4. Archimedes
Q. 26 In which type of rainfall, winds move out from a high-pressure area with wind direction clockwise in the northern hemisphere, and anti-clockwise in the southern
hemisphere?
Ans
$X$ 1. Orography
X 2. Cyclones
3. Anticyclone
$X 4$. Convection
Q. 27 From the given options, choose the one which is NOT a product of the decomposition reaction of Lead nitrate.
Ans
$X 1$. Nitrogen dioxide
X 2. Oxygen
3. Nitrogen
4. Lead oxide

Question ID : 264330169298
Option 1 ID : 264330663972
Option 2 ID : 264330663973
Option 3 ID : 264330663974
Option 4 ID : 264330663971
Status : Not Answered
Chosen Option : --
Q. 28 The Eastern Ghats stretch from the $\qquad$
Ans
X 1. Damodar Valley
$X$ 2. Son Valley
3. Mahanadi Valley

X 4. Godavari Valley
Q. 29 When was the Atmiya Sabha founded to attack the evils within Hinduism?

Ans $\times 1.1845$
2. 1814
3. 1839
4. 1828
Q. 30 The 'Servants of India Society' was the brainchild of which of the following leaders?

Ans $\quad$ 1. Chittaranjan Das
2. Gopal Krishna Gokhale

X 3. BR Ambedkar
X 4. Lala Lajpat Rai
Q. 31 The President of which of the following countries was invited as the Chief Guest for the Republic Day parade on 26 January 2020?
Ans
$X$ 1. New Zealand
X 2. Australia
3. Brazil
4. Indonesia
Q. 321 kilowatt is equivalent to:

Ans

1. $3600 \mathrm{KJ} / \mathrm{h}$
$\times 2.3600$ calorie
X $3.7200 \mathrm{KJ} / \mathrm{h}$
× 4.7200 Joule
Q. 33 The star-shaped temples were built during the reign of:

Ans

1. Chalukaya2. Badami
2. Cholas
3. Hoysala

Question ID : 264330164855
Option 1 ID : 264330646548
Option 2 ID : 264330646547
Option 3 ID : 264330646550
Option 4 ID : 264330646549
Status : Not Answered
Q. 34 Hara Shankar Bhattacharya is a maestro of $\qquad$ -
Ans

1. sitar
$\times 2$. sarangi
$X 3$. violin
X 4. santoor

Question ID : 264330145186
Option 1 ID : 264330569001 Option 2 ID : 264330569000 Option 3 ID : 264330569002 Option 4 ID : 264330568999

Status : Not Answered
Chosen Option : --
Q. 35 Which radioactive element with atomic number 43 in the modern periodic table is unstable, and the half-lives of all its isotopes are relatively short, from 4.2 million years to 5.0 s?
Ans
$X$ 1. Nobelium
$X$ 2. Promethium
X 3. Neptunium
4. Technetium
Q. 36 The Himalayas have been divided on the basis of regions from west to east. The correct order of regions from west to east is:
Ans $\quad$ 1. Punjab Himalayas, Nepal Himalayas, Kumaon Himalayas and Assam Himalayas
2. Punjab Himalayas, Kumaon Himalayas, Nepal Himalayas and Assam Himalayas

X 3. Punjab Himalayas, Kumaon Himalayas, Assam Himalayas and Nepal Himalayas
X 4. Punjab Himalayas, Nepal Himalayas, Assam Himalayas and Kumaon Himalayas
Q. 37 How many times has India won the ICC T20 Men's World Cup in cricket?

Ans $\times 1.3$
$\times 2.2$

- 3.1
4.4
Q. 38 Which chemical element of Group 18 of the periodic table is produced by the natural radioactive decay of uranium in soils and rocks?
Ans
X 1. Oganesson
X 2. Krypton

3. Radon
4. Neon
Q. 39 Chad Sukra festival is celebrated by the Jaintia tribe of $\qquad$ -
Ans $\times 1$. Jharkhand
X 2. Assam
X 3. Punjab
5. Meghalaya

Question ID : 26433086641
Option 1 ID : 264330340208
Option 2 ID : 264330340207
Option 3 ID : 264330340205
Option 4 ID : 264330340206
Status: Answered
Q. 40 Which of the following industries was NOT in Schedule A of Industrial Policy 1956?

Ans $\quad \times 1$. Air transport
2. Mining of salt

X 3. Mineral oils
X 4. Iron and stee
Q. 41 Which Article of the Constitution of India states that the Prime Minister is appointed by the President of India?
Ans
$X$ 1. Article 73
2. Article 75
3. Article 74
4. Article 76
Q. 42 Ammannur Madhava Chakyar was conferred the Padma Shri for his contribution to which of the following dance forms?
Ans

1. Kutiyattam

X 2. Kuchipudi
X 3. Kathakali
X 4. Yakshagana
Q. 43 Which cell organelle appears as rounded or sausage-shaped structures under electron microscopy, measuring about 0.5-1.0 $\mu \mathrm{m}$ in diameter and 2-8 $\mu \mathrm{m}$ in length?
Ans
$X$ 1. Ribosomes
X 2. Lysosomes
3. Mitochondria

X 4. Plastids
Q. 44 When was Khandesh merged into the Mughal empire by Akbar?

Ans

1. 1601

X2. 1595
3. 1597
4. 1605

Question ID : 264330109022
Option 1 ID : 264330428367
Option 2 ID : 264330428365
Option 3 ID : 264330428368
Option 4 ID : 264330428366
Status : Not Answered
Chosen Option : --
Q. 45 How many types of the amendment are mentioned by the Indian Constitution as per Article 368?
Ans
$X 1$. Five
X 2. Four
3. Two
4. Three
Q. 46 In the game of Ice hockey, during normal play how many players are there in each team on the ice at any one time to compete?
Ans
$\times 1.12$

- 2.6
$\times 3.10$
$\times 4.5$

Question ID : 26433089942
Option 1 ID : 264330353247
Option 2 ID : 264330353245
Option 3 ID : 264330353246
Option 4 ID : 264330353248
Status : Not Answered
Q. 47 Siachen in Himalayas is:

Ans

1. a glacier
$\times$ 2. a national park
X 3. a dam
X4. a lake

Question ID : 264330169991
Option 1 ID : 264330666640
Option 2 ID : 264330666641
Option 3 ID : 264330666639
Option 4 ID : 264330666642
Status: Answered
Chosen Option : 1
Q. 48 Maimata is a popular folk dance of which of the following states?

Ans 1. Tripura
X 2. Uttarakhand
X 3. Haryana
X 4. Punjab

Question ID : 264330164794
Option 1 ID : 264330646306
Option 2 ID : 264330646303
Option 3 ID : 264330646304
Option 4 ID : 264330646305
Status : Not Answered
Chosen Option : --
Q. 49 To which feature of the Constitution of India does the appointment of the Governor by the Centre belong?
Ans
$X 1$. Federal feature
X 2. Directive Principles
X 3. Supremacy of the Constitution
4. Unitary system
Q. 50 The term 'inning' is related to which of the following sports?

Ans $\quad \times 1$. Volleyball
2. Kho-Kho
$X$ 3. Hockey
X 4. Basketball

Section : Quantitative Aptitude

## Q. 1 Find the fourth proportional to $0.48,0.84$ and 32 .

Ans $\times 1.65$
X 2.34

- 3.56
$\times 4.43$

Question ID : 264330103973
Option 1 ID : 264330408194
Option 2 ID : 264330408195
Option 3 ID : 264330408193
Option 4 ID : 264330408196
Status : Answered
Q. 2 Study the given table and answer the question that follows.

The table shows data of population and literacy/illiteracy rate among the population in three different villages.

| Village | Respective ratio <br> between number of <br> males and females | Percentage of literates <br> (Males and females) <br> out of total population | Number of illiterates <br> (Males and females) <br> out of total <br> population |
| :--- | :---: | :---: | :---: |
| P | $2: 5$ | 45 | 380 |
| Q | $3: 7$ | 65 | 270 |
| R | $1: 3$ | 80 | 150 |

The number of illiterates in village $R$ is what percentage less that in village $P$ ?
Ans
$\times 1.60 \frac{11}{19} \%$
X2. $60 \frac{9}{19} \%$
จ $3.60 \frac{10}{19} \%$
X. $60 \frac{8}{19} \%$
Q. 3 In a circle of radius 42 cm , an arc subtends an angle of $60^{\circ}$ at the centre. Find the length of the arc.
(Take $\pi=\frac{22}{7}$ )
Ans
1.44 cm
$\times 2.21 \mathrm{~cm}$
X 3.22 cm
$\times 4.42 \mathrm{~cm}$
Q. 4 Mihir buys a book for ₹ 625 . However, because of certain urgency, he sells it for ₹ 550 . Find his loss percentage.
Ans
-1. $12 \%$
$\times 2.14 \%$
$\times 3.10 \%$
$\times 4.15 \%$

Question ID : 264330102340
Option 1 ID : 264330401826
Option 2 ID : 264330401827
Option 3 ID : 264330401825
Option 4 ID : 264330401828
Status: Answered
Chosen Option: 1
Q. 5 The salary of Arpit fell by $5 \%$ after 1 year and further fell by $8 \%$ after the second year due to bad performance. Initially, his salary was ₹ 80,000 . What is his current salary (in ₹)?
Ans $\times 1.69620$
2. 69920

X 3.70920
X4. 65720
Q. 6 Study the given graph and answer the question that follows.

The graph shows data related to number of students enrolled for a vocational course in two institutes ( X and Y ) during three years.


What is the difference between the average number of students enrolled in institute X in 2010 and 2011 and that in institute Y in 2011 and 2012?

Ans

- 1.20
$\times 2.15$
$\times 3.18$
$\times 4.22$
Q. 7 The total surface area of a solid hemisphere is $4158 \mathrm{~cm}^{2}$. Find its volume (in $\mathrm{cm}^{3}$ ).

Ans
$\times 1.462$
$\times 2.9702$
X 3.1848

* 4.19404
Q. 8 The average weight of 8 students is 48 kg . If four students of average weight 44 kg and four students of average weight 58 kg is also added, then find the average weight of 16 students.
Ans

1. 49.5 kg
$\times 2.48 \mathrm{~kg}$
X 3.49 kg
4.48 .5 kg
Q. 9 Simplify the given expression.
$(1-2 x)^{2}-(1+2 x)^{2}$
Ans
$\times 1.8 x$
2. $-8 x$

X 3. $-\left(2+8 x^{2}\right)$
X4. $2+8 x^{2}$
Q. 10 The table below shows the number of laptops sold by the 4 sellers and the ratio of Brand1 laptops sold to Brand 2 laptops sold.

| Seller | Total laptops sold | Brand1 laptops sold: <br> Brand2 laptops sold |
| :--- | :--- | :--- |
| A | 4000 | $3: 1$ |
| B | 6000 | $2: 1$ |
| C | 8000 | $5: 3$ |
| D | 5000 | $1: 4$ |

The number of Brand1 laptops sold by A seller is how many more than the number of Brand 2 laptops sold by B seller?
Ans
X 1.1200
$\times 2.800$
3. 1000
$\times 4.600$
Q. 11 A boy goes from home to school at a speed of $30 \mathrm{~km} / \mathrm{h}$ and returns back at a speed of $70 \mathrm{~km} / \mathrm{h}$. What is his average speed for the journey?
Ans

1. $42 \mathrm{~km} / \mathrm{h}$

X $2.48 \mathrm{~km} / \mathrm{h}$
X $3.38 \mathrm{~km} / \mathrm{h}$
X $4.36 \mathrm{~km} / \mathrm{h}$
Q. 12 Rupu's income is $20 \%$ more than Madhu's income. Madhu's income is less than Rupu's income by:
Ans
$\times 1.17 \frac{2}{3} \%$
2. $20 \%$

X 3. $18 \frac{2}{3} \%$
4. $16 \frac{2}{3} \%$
Q. 13 What annual instalment (in ₹) will discharge a debt of ₹9,429 due in three years at $12.25 \%$ simple interest per annum? [Note: Instalments will be paid at the end of Year 1, Year 2 and Year 3.]
Ans
X 1.2,840

- 2.2800
$\times 3.2700$
$\times 4.2760$

Question ID : 264330112545
Option 1 ID : 264330442265
Option 2 ID : 264330442268
Option 3 ID : 264330442267
Option 4 ID : 264330442266
Status : Not Answered
Q. 14 Study the given table and answer the question that follows.

The table shows the number of students studying in 6 different classes of 6 different schools.

| Schools | V | VI | VII | VIII | IX | X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P | 152 | 160 | 145 | 156 | 147 | 144 |
| Q | 148 | 166 | 150 | 155 | 157 | 143 |
| R | 161 | 152 | 140 | 145 | 143 | 165 |
| S | 159 | 142 | 149 | 140 | 142 | 168 |
| T | 147 | 144 | 158 | 163 | 154 | 150 |
| U | 150 | 160 | 162 | 160 | 160 | 140 |
| Total | 917 | 924 | 904 | 919 | 903 | 910 |

Which class has the minimum number of students from all schools together?
Ans
X 1. VIII
2. IX

X 3. VII
$\times 4 . \mathrm{X}$
Q. 15 Find the least number which is exactly divisible by $20,28,34,60$ and 75.

Ans
X 1.36220
$\times 2.35900$
X 3.34500

- 4.35700

Question ID : 264330102310
Option 1 ID : 264330401706
Option 2 ID : 264330401707
Option 3 ID : 264330401708
Option 4 ID : 264330401705
Status: Answered
Q. 16 The mean proportional between 0.03 and 0.0003 is:

Ans $\times 1.0 .0003$
$\times 2.0 .0013$
3. 0.003
4. 0.033
Q. 17 If $a+b+c=5$ and $a b+b c+c a=7$, then the value of $a^{3}+b^{3}+c^{3}-3 a b c$ is:

Ans
$\times 1.15$

- 2.20

X 3.25
$\times 4.30$
Q. 18 The given pie-chart represents the survey report on favourite games of a group of young people.


If a total of 4980 people were surveyed, then what is the central angle produced by the sector indicating football?

Ans

1. $108^{\circ}$
2. $105^{\circ}$
3. $100^{\circ}$
4. $90^{\circ}$
Q. 19 A shopkeeper increases the cost price of an item by $50 \%$ and offers a discount of $40 \%$ on this marked price. What is his loss percentage?
Ans
X1.15\%
$\times 2.20 \%$
$\checkmark$ 3. $10 \%$
X4. $5 \%$
Q. 20 An item with a marked price of ₹z was sold for ₹6,622, after a discount of $12 \%$ was offered. What was the value of $z$ ?

Ans
X 1. ₹7,425
X 2. ₹7,500

- 3. ₹7,525

X4. ₹7,575
Q. 21 Study the given bar graph carefully to answer the question that follows.

Marks obtained by four students in Mid-I and Mid-II.


Marks obtain by Hemanth in Mid-I are what percentage of the total marks obtained by all the students in Mid-I?
Ans
X $1.30 \%$
X2.15\%
X $3.20 \%$
4. $25 \%$
Q. 22 The following table shows the income of a company in a year from various sectors:

| Sectors | Finance | Communication | Production | Sales | Transportation |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Amount (in lakh ₹) | 85 | 60 | 67 | 115 | 75 |

What is the difference (in lakh ₹) between the income from the maximum earning sector and the minimum earning sector?

Ans
$\times 1.48$
$\times 2.40$
X 3.30

- 4.55
Q. 23 If interest be compounded half-yearly, then find the compound interest on ₹8,000 at $\mathbf{2 0 \%}$ p.a. for 1 year

Ans
X 1. ₹1,675
X 2. ₹1,690
X 3. ₹1,685
4. ₹ 1,680
Q. 24 What is the $\operatorname{HCF}$ of $\left(x^{6}+1\right)$ and $\left(x^{4}-1\right)$ ?

Ans
$\times 1.1$
X2. $(1+\mathrm{x})$
X 3. $\left(1-x^{2}\right)$

- 4. $\left(1+x^{2}\right)$
Q. 25 The value of $\frac{1 \frac{1}{2} \div 3 \frac{1}{4}+\frac{1}{2} \div \frac{13}{14}+\frac{1}{5}}{\frac{1}{5} \times 3 \frac{1}{2}-\frac{1}{3} \div 1 \frac{3}{4} \times 3 \frac{1}{2}}$ is:

Ans $\times 1.33$
2. 36
$\times 3.38$
$\times 4.40$
Q. 26 If 2 men or 4 women can build a wall in 34 days, in how many days can 6 men and 5 women build the same wall?
Ans
X1.24

- 2.8
$\times 3.12$
$\times 4.16$
Q. 27 Find the HCF of 78, 84, 90 and 112.

Ans $\times 1.1$
2. 2
$\times 3.5$
$\times 4.7$
Q. 28 Study the given graph and answer the question that follows.

The following graph shows the distribution of the cost
percentage of different items.


If a person purchased all the items for ₹ $3,00,000$, then the cost of a TV is less than that of a laptop by:

Ans
X 1. ₹40,000
X 2. ₹55,000
X 3. ₹50,000
4. ₹ 45,000
Q. 29

If $\cos A=\frac{1}{2}, 0 \leq A \leq 90^{\circ}$, then what is the value of $\sin (180-A)$ ?
Ans
$\times 1 . \frac{1}{2}$
2. $\frac{\sqrt{3}}{2}$
x 3. $\frac{1}{\sqrt{3}}$
$\times 4.1$
Q. 30 Mahesh agreed to sell rice with $24 \%$ loss, as the rice got rotten. However, he cheated customers and gave only 19 gm of rice in place of 50 gm of rice. What is the percentage of his profit or loss?
Ans
X $1.100 \%$ loss
$\times 2 . \frac{100}{3} \%$ loss
$\times 3 \cdot \frac{100}{3} \%$ profit
, $4.100 \%$ profit
Q. 31 A cylinder has some water in it at a height of 16 cm . If a sphere of radius 9 cm is put into it, then find the rise in the height of the water if the radius of the cylinder is 12 cm .
Ans
$X 1.8 \mathrm{~cm}$
$\times 2.6 \mathrm{~cm}$
$\times 3.8 .75 \mathrm{~cm}$

- 4.6 .75 cm
Q. 32 A can do $\frac{1}{5}$ of a piece of work in 20 days, B can do $30 \%$ of the same work in 36 days, while C can do $80 \%$ of the same work in 160 days. B and C together started and worked for x days. After x days B left the work, and A joined C and both completed the remaining work in $(x-41)$ days. If the ratio between the work done by $(B+C)$ together to the work done by $(A+C)$ together is $19: 6$, then what fraction of the same work can be completed by C alone in 2 x days?
Ans

1. $\frac{57}{100}$
$\times 2 \frac{13}{25}$
$\times 3 . \frac{19}{25}$
$\times 4 . \frac{6}{25}$
Q. 33 If the radius of two circles be 6 cm and 9 cm and the length of the transverse common tangent be 20 cm , then find the distance between the two centres.
Ans
.
X 2.22 cm
$\times 3.24 \mathrm{~cm}$
$\times 4.27 \mathrm{~cm}$
Q. 34 Nikunj goes 4 kilometres against the current of a stream in 1 hour, and 2 kilometres along the current in 15 minutes. How long will it take him to go $\mathbf{7}$ kilometres in stationary water?
Ans
X 1.1 hour 15 minutes
X 2.1 hour 20 minutes

- 3.1 hour 10 minutes
$\times 4.1$ hour 5 minutes

Question ID : 264330103626
Option 1 ID : 264330406811
Option 2 ID : 264330406812
Option 3 ID : 264330406810
Option 4 ID : 264330406809
Status: Answered
Chosen Option : 3
Q. 35 At 7: 30 P.M. the owner of a Cycle noticed that a thief is taking away his cycle from his home and is cycling in a particular direction at an estimated speed of 10 km per hour. He informed the police about the theft and the policeman started from the same point half an hour later than the time of the theft but with a speed of 12 km per hour. At what time will Policeman catch the thief?

Ans
X 1. 10:45 P.M.
X 2. 9:30 P.M.
X 3.10:00 P.M.
4. 10:30 P.M.
Q. 36 The pie chart below shows the spendings of a state on various sports during a particular year:


If the total amount spent on sports during the year was $₹ 75,00,000$ then how much (in ₹) was spent on cricket and hockey together?
Ans
X 1. ₹18,75,000
X 2. ₹26,80,000
3. ₹ $24,75,000$

X 4. ₹21,55,000

Question ID : 264330158399
Option 1 ID : 264330620955
Option 2 ID : 264330620958
Option 3 ID : 264330620957
Option 4 ID : 264330620956
Status : Answered
Q. 37 In a $\triangle A B C$, the bisectors of angle $A B C$ and angle $A C B$ intersect each other at point $O$. If the angle $B O C$ is $125^{\circ}$, then the angle BAC is equal to:
Ans
$\times 1.75^{\circ}$
$\times 2.78^{\circ}$
3. $70^{\circ}$
$\times 4.82^{\circ}$

Question ID : 264330165492
Option 1 ID : 264330649047
Option 2 ID : 264330649049
Option 3 ID : 264330649048
Option 4 ID : 264330649050
Status: Answered
Chosen Option : $\mathbf{3}$
Q. 38 Two trains Mumbai Rajdhani and Kissan Express of lengths 850 m and 700 m are 1050 m apart, and are running on parallel tracks towards each other. Mumbai Rajdhani is running at $62 \mathrm{~km} / \mathrm{h}$ and Kissan Express is running at $55 \mathrm{~km} / \mathrm{h}$. In how much time (in sec ) will the trains cross each other?

Ans
$\times 1.70$
$\times 2.45$
$\times 3.75$

- 4.80
Q. 39 If $\sin \beta=\frac{1}{3},(\sec \beta-\tan \beta)^{2}$ is equal to:

Ans
$\times 1 . \frac{3}{4}$
$\times 2 . \frac{2}{3}$
-3. $\frac{1}{2}$
$\times 4 . \frac{1}{3}$
Q. 40 A right square pyramid having lateral surface area is $624 \mathrm{~cm}^{2}$. If the length of the diagonal of the square is $24 \sqrt{ } 2$, then the volume of the pyramid is:
Ans
$\times 1.1150 \mathrm{~cm}^{3}$
$\times 2.780 \mathrm{~cm}^{3}$
$\times 3.1083 \mathrm{~cm}^{3}$

- $4.960 \mathrm{~cm}^{3}$
Q. 41 The sides of a rectangle are in the ratio of $3: 8$ and its area is $1944 \mathrm{~cm}^{2}$. What is its perimeter?
Ans
$\times 1.189 \mathrm{~cm}$
X2. 208 cm
- 3.198 cm
$\times 4.308 \mathrm{~cm}$
Q. 42 A and B complete a work in 24 and 30 days, respectively, working 10 hours per day. The work is to be done in two shifts. The morning shift is for 6 hours and the evening shift is for 4 hours. On the first day, A works in the morning and B works in the evening, and they interchange their shifts every day. On which day did the work get completed?

Ans
$X 1.21$ st day
X 2. 24th day
X 3. 30th day
4. 27th day
Q. 43

If $\sin A=\frac{\sqrt{3}}{2}, 0<A<90^{\circ}$, then find the value of $2(\operatorname{cosec} A+\cot A)$.
Ans

1. $2 \sqrt{3}$
$\times$ 2. $\sqrt{3}$
$\times 3 . \frac{2}{\sqrt{3}}$
×4. $\frac{1}{\sqrt{3}}$
Q. 44 The height and the radius of the base of a right circular cone are in the ratio of $12: 5$. If its volume is $314 \mathrm{~cm}^{3}$, then what is the slant height of the cone? (Use $\pi=3.14$ )
Ans
$\times 1.12 \mathrm{~cm}$
$\times 2.11 \mathrm{~cm}$

- 3.13 cm
$\times 4.14 \mathrm{~cm}$
Q. 45 Three numbers are in the ratio of $5: 7: 9$ and their LCM is 34,650 . Their HCF is:

Ans $\times 1.315$
$\times 2.55$

- 3.110
$\times 4.99$
Q. 46 Which is the largest number that divides each of 1036,1813 and 3885 without leaving any remainder?
Ans $\times 1.333$
$\times 2.111$
- 3.259
$\times 4.37$
Q. 47 If $\sin A=\frac{2}{3}$, then find the value of $(7-\tan A)(3+\cos A)$.

Ans
. $1 . \frac{61}{3}+\frac{17}{3 \sqrt{5}}$
$\times 2 \frac{61}{3 \sqrt{5}}+\frac{17}{3}$
x 3. $\frac{61}{3}+\frac{17}{\sqrt{5}}$
X4. $\frac{61}{3}-\frac{17}{3 \sqrt{5}}$
Q. 48 In an election between two candidates, $20 \%$ of the voters on the voters list did not cast their votes and 80 voters cast their ballot papers blank. The winner secured $45 \%$ of all the voters in the list and he got $\mathbf{2 8 0}$ votes more than his rival. The number of voters on the list was:

Ans
$\times 1.1500$
X 2.2800
3. 2500
4. 2000
Q. 49 Find the LCM of 73 and 657.

Ans
$\times 1.73$
2. 657
$\times 3.146$
$\times 4.365$

Question ID : 26433065037
Option 1 ID : 264330254743
Option 2 ID : 264330254742
Option 3 ID : 264330254741
Option 4 ID : 264330254740
Status: Answered
Chosen Option : 2
Q. 50 In a circle, chords $A B$ and $C D$ intersect internally at $E$. If $C D=18 \mathrm{~cm}, D E=5 \mathrm{~cm}, A E=$ 13 cm , then the length of $B E$ is:
Ans
$\times 1.4 \mathrm{~cm}$
X2.7cm
X 3.3 cm

- 4.5 cm

Question ID : 264330168755
Option 1 ID : 264330661832
Option 2 ID : 264330661833
Option 3 ID : 264330661831
Option 4 ID : 264330661834
Status : Answered
Chosen Option : 4

[^0]Q. 1 Select the most appropriate meaning of the given idiom. Fit as a fiddle
Ans $\quad X 1$. To be extremely excited and energetic
2. To be in good health
$X 3$. Something is perfect
X 4. A good and useful invention
Q. 2 Select the most appropriate meaning of the underlined word.

She has become a familiar figure in the world of politics.
Ans

1. Known
$X$ 2. Legend
$X$ 3. Elevated
X4. Fancy

Question ID : 264330121037
Option 1 ID : 264330474356
Option 2 ID : 264330474357
Option 3 ID : 264330474358
Option 4 ID : 264330474355
Status : Answered
Q. 3 Select the most appropriate ANTONYM of the given word.

Authentic
Ans
$X 1$. Genuine
2. Fake
$\times$ 3. Basic
X4. Different
Q. 4 Select the most appropriate ANTONYM of the given word. Inquisitive
Ans
X 1. Innocent
2. Indifferent
$X$ 3. Curious
X4. Studious
Q. 5 Select the INCORRECTLY spelt word from the underlined words in the following sentence.
It is important to see school holistically, it is not a set of atomic items of rooms, library, assembly halls, canteen and playgrounds; it is all of these but in symbiotic relationship with each other, the contors of which are often far too obvious and often simply mysterious.
Ans
$X 1$. mysterious
X 2. symbiotic

- 3. contors

X 4. holistically
Q. 6 The following sentence has been split into four segments. Identify the segment that contains an error.

Will Ramya / had completed / that work / by 2025?
Ans
X 1 . by 2025
2. that work
3. had completed
4. Will Ramya
Q. 7 Select the most appropriate meaning of the given idiom.

Apple of discord
Ans
$X$ 1. Practical
X 2. Distant love
3. Bone of contention
$X$ 4. Centre of attraction
Q. 8 Fill in the blank by selecting the meaningful and correctly spelt word from the given options.

They knew that the stock of the food was getting reduced and the fund for that was not enough for the next week.
Ans
X 1. asserted
2. allotted
$X$ 3. alerted
X 4. abandoned
Q. 9 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required' The unexpected turn beside the project put the company in a big financial crisis.
Ans

1. in the project
2. until the project
$\Varangle$ 3. No substitution required
$X 4$. between the project
Q. 10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
We all should respect each other.
Ans
$X$ 1. every other
$\times 2$. all other
3. one another
$X 4$. all of us
Q. 11 Select the most appropriate one-word substitution of the given group of words.

A form of government in which the supreme power is vested in the people and exercised by their elected agents under a free electoral system.
Ans

1. Democracy

X 2. Anarchy
X 3. Monarchy
X 4. Autocracy

Question ID : 26433090856
Option 1 ID : 264330356834
Option 2 ID : 264330356835
Option 3 ID : 264330356836
Option 4 ID : 264330356833
Status : Answered
Chosen Option : 1
Q. 12 Select the most appropriate meaning of the given idiom.

Come what may
Ans
$X 1$. To be among the latest
2. No matter what happens

X 3. To get frightened
$\times 4$. Meeting someone
Q. 13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The decision to engage in an armed conflict is tacit.
Ans
X 1. incomprehensible for some
2. ineffective completely
$X$ 3. regretted by everyone4. implied without being stated
Q. 14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My elder brother / yesterday had took / my Facebook password.
Ans
X 1.my Facebook password
2. yesterday had took

X 3. My elder brother
X4. No error
Q. 15 Select the option that can be used as a one-word substitute for the given group of words.
To tell the nature of a disease by its symptoms.
Ans
$X 1$. Design
2. Diagnosis
$X$ 3. Decisive
X 4. Dosage
Q. 16 Select the most appropriate meaning of the given idiom.

Fit as a fiddle
Ans
$X$ 1. At the last moment
$\times$ 2. To ignore what someone is saying
X 3. To betray a close person
4. In good health
Q. 17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The students / are expected / to come / in the right time.
Ans

1. in the right time
$X$ 2. The students
$X$ 3. to come
X 4. are expected
Q. 18 Select the option that best expresses the meaning of the underlined idiom. Christy should discuss this with her face to face.

Ans

1. With another person in their presence rather than, say, by phone or letter

X 2. Come to fully accept or understand something
X 3. Remained normal and realistic
$X$ 4. Almost always
Q. 19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The book narrated the athlete's prowess in a lucid manner.
Ans
$X 1$. refined arguments
2. exceptional mastery
$\Varangle$ 3. difficult situation
X 4. affluent days
Q. 20 Select the most appropriate meaning of the underlined word. She has no desire for money.
Ans
$X$ 1. Disgust
X 2. Despise
$X$ 3. Care4. Wish
Q. 21 Select the most appropriate meaning of the underlined phrase. She can't make up her mind where to go for her summer vacation.
Ans

1. Decide between alternatives or come to a decision

X 2. Decide on a suitable parlour
X 3. Decide how to do her makeup
$\chi$ 4. Engage her mind in creative activities

## Q. 22 Select the most appropriate ANTONYM of the underlined word.

He is so stingy that I have never seen him spending money on basic necessities.
Ans
$X 1$. Wicked
2. Extravagant

X 3. Obnoxious
X 4. Indecent

Question ID : 264330121873
Option 1 ID : 264330477652
Option 2 ID : 264330477654
Option 3 ID : 264330477651
Option 4 ID : 264330477653
Status: Answered
Q. 23 Select the option that can be used as a one-word substitute for the given group of words.
A book published after author's death.
Ans
$X$ 1. Posthuman publication
2. Posthumous publication
3. Supernatural publication
4. Predecessor publication
Q. 24 Select the most appropriate synonym of the given word. Rehabilitate
Ans

1. Reinstall

X 2. Develop
X 3. Absolve
X 4. Decline

Question ID : 264330117194
Option 1 ID : 264330460837
Option 2 ID : 264330460840
Option 3 ID : 264330460838
Option 4 ID : 264330460839
Q. 25 Select the most appropriate option that can substitute the underlined segment in the given sentence.
You can become confident to speak English within one year.
Ans
$X$ 1. convinced to speaking
$\times 2$ 2. reassured of speaking
X 3. assured of speaking
4. confident in speaking
Q. 26 Select the option that can be used as a one-word substitute for the given group of words.

Centre of public attention
Ans
$X$ 1. Ambiguity
X2. Obscurity
$X$ 3. Fuzziness
4. Limelight
Q. 27 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any
error, mark 'No error' as your answer.
We will / have been know the result / of the CAT exam by next week.
Ans
$\boldsymbol{X}$ 1. of the CAT exam by next week
$X 2$. We will
3. have been know the result

X4. No error
Q. 28 Select the most appropriate meaning of the given idiom. Break a leg
Ans
$X$ 1. To hurt someone
X 2. To avoid someone
3. To wish someone good luck
$\times 4$. To love someone
Q. 29 Select the most appropriate meaning of the given idiom. To hit the nail on the head
Ans
$X 1$. To hit something accurately
X 2. To be indecisive
X 3. To miss an opportunity
4. To express an idea with great precision
Q. 30 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Rajib's habit of sneering at the beliefs of others often hurts others' sentiments.
Ans
X1. manipulation
2. cynicism
3. certainty
4. cleverness
Q. 31 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Politics and money go together in this country.
Ans
$X 1$. go arm in arm
X 2. go holding hands
3. go hand in hand
$\times 4$. No substitution required
Q. 32 Select the most appropriate ANTONYM of the underlined word in the given sentence.

After losing his job and his home, he found himself destitute and living on the streets.
Ans
$\times 1$. glorious
X 2. disturbed
3. affluent
$X 4$. ridiculous
Q. 33 Select the most appropriate synonym of the highlighted word in the given sentence.

The plane crash was a harrowing experience for everyone involved.
Ans
X 1. Exterminate
2. Excruciating
3. Awesome
4. Sad
Q. 34 Identify the option that rectifies the spelling of the incorrectly spelt word in the given sentence.

Students should have a good vocabulary to write an essay efectively.
Ans
$\times 1$. Gud
2. Effectively
$\times$ 3. Wriite
X 4. Voicabulary
Q. 35 Select the most appropriate synonym of the word 'factual' in the given sentence and choose the correct option.

The scientist's hypothesis was based on empirical evidence and rigorous experimentation.
Ans
$X$ 1. Rigorous
$\times 2$. Hypothesis
X 3. Evidence
4. Empirical
Q. 36 Select the INCORRECTLY spelt word in the given sentence.

It is beyond my cognative capacity to solve the mathematical problems.
Ans
X 1. problems
2. cognative
3. mathematical
4. capacity
Q. 37 Select the most appropriate option that can substitute the underlined word which has been incorrectly spelt.
Mrs. Lal taught me English gramar.
Ans

1. grammar

X 2. gramarr
X 3. gramerr
X 4. gramer

Question ID : 264330123044
Option 1 ID : 264330482241
Option 2 ID : 264330482239
Option 3 ID : 264330482240
Option 4 ID : $\mathbf{2 6 4 3 3 0 4 8 2 2 4 2}$
Status : Answered
Chosen Option : 1
Q. 38 Select the most appropriate meaning of the underlined idiom.

Sanchit stands by his friends through thick and thin .
Ans
$X 1$. In winter and summer
X 2. In favourable situations
X 3. In crowded areas
4. Under all circumstances

Question ID : 264330122977
Option 1 ID : 264330481974
Option 2 ID : 264330481972
Option 3 ID : 264330481973
Option 4 ID : 264330481971
Status: Answered
Chosen Option : 4
Q. 39 Select the option that can be used as a one-word substitute for the given phrase.

One who goes from place to place, begging
Ans
X 1. Misogamist
2. Malleable
3. Meticulous
4. Mendicant
Q. 40 Select the most appropriate synonym of the given word.

Reminiscence
Ans
$X 1$. Harsh
2. Remembrance
3. Benevolence
4. Oblivion

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ , not all swan species are white; the Black Swan, (5) , has black feathers with a red bill. Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.
SubQuestion No: 41
Q. 41 Select the most appropriate option to fill in blank number 1.

Ans $\quad X$ 1. belonged
$X 2$. belonging
3. belong
$X 4$. belongs

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) ___for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ not all swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill. Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

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

Ans
X 1. were known
$\times 2$. have knowing
X 3. had know
4. are known

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as
symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ not all
swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill.
Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

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

Ans
$X$ 1. finite
X 2. similar
X 3. popular
4. distinctive

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) ___for their beauty and grace and are often used as symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ not all swan species are white; the Black Swan, (5) $\qquad$ has black feathers with a red bill. Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

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

Ans $\quad$ 1. Consequently
$X 2$. Because
X 3. Formerly
4. However

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
Swans are large waterbirds that (1) $\qquad$ to the family Anatidae, which also includes ducks and geese. They (2) $\qquad$ for their beauty and grace and are often used as
symbols of love, fidelity, and elegance. They are also famous for their (3) $\qquad$ features, such as their long necks, large wingspans, and striking white feathers. (4) $\qquad$ not all
swan species are white; the Black Swan, (5) $\qquad$ , has black feathers with a red bill.
Swans are found on every continent and are known for their strong pair bonds. They mate for life and can live up to 20 years.

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

Ans

1. for example
2. of course
3. after all
4. in addition

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 46
Q. 46 Which is the best description of the tone of the passage?

Ans $\times 1$. Technical
2. Sarcastic

X 3. Dogmatic
4. Humanistic

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025 , the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals

SubQuestion No: 47
Q. 47 Which of the following most accurately states the central idea of the passage?

Ans
X 1. United Nations
2. Pollution free planet

X 3. Population explosion
4. Economic growth

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 48
Q. 48 Which of the following represents the structure of the passage?

Ans

1. Definition
2. Cause-effect
3. Critique
4. Chronology

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025 , the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No : 49
Q. 49 What is the ANTONYM for the word 'pervasive' from the passage?

Ans
$X$ 1. Clear
X 2. Emotiona
3. Limited
$\times 4$. Offensive

## Comprehension:

Read the given passage carefully and answer the questions that follow.
As the world's population approaches 8 billion and resource use intensifies, pollution is ever more extensive, pervasive, and persistent. It affects our health through the food we eat, the water we drink and the air we breathe. By 2025, the world's cities will produce 2.2 billion tonnes of waste every year, more than three times the amount produced in 2009. That said, pollution is not a new phenomenon and is largely controllable and often avoidable, as shown in some countries and cities that have succeeded in decoupling economic growth from pollution and waste accumulation.
With the end goal to eradicate all forms of pollution by 2030, the UN Environment Programme was tasked by the UN Environment Assembly to coordinate the implementation of a global plan reiterating that pollution is not only an environmental priority, it's a priority for the achievement of the Sustainable Development Goals.

SubQuestion No: 50
Q. 50 What is the ANTONYM for the word 'priority' from the passage?

Ans $\quad \times 1$. Factor
2. Last

X 3. Part
X 4. Task


[^0]:    Section : English Comprehension

