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

 Examination 2022| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 10/11/2022 |
| Exam Time | 4:00 PM - 6:00 PM |
| Subject | SICPO Paper I 2022 |

## Section : General Intelligence and Reasoning

Q. 1 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 2 Which of the following numbers will replace the question mark (?) and complete the given number series?
$35,36,39,48$, ?
Ans
$\times 1.78$
$\times 2.70$
3. 75
$\times 4.72$
Q. 3 If $M$ denotes ' - ', $N$ denotes ‘ $\div$ ', $O$ denotes ' $x$ ', and $P$ denotes ' + ', then what will come in place of '?' in the following equation?
185 N 5 P 62 M 32 O 4 P $32=$ ?
Ans
(1. 12
2. 5
$\times 3.9$

- 4.3
Q. 4 Select the option that represents the letters that when placed from left to right in the blanks below will complete the letter series D_C_FE_CC__E_C_EF_D_CE_E
Ans

1. ECDEFDCECF
2. CEDEFCDECE

X 3. CEDFEDCECE
4. CEDEFDCECF
Q. 5 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ‘ $\div$ ', then what will come in place of '?' in the following equation? (51 D 17) A ( 21 B 9) C 78 A (16 D 4) = ?
Ans

1. 124
2. 106
3. 118
4. 112
Q. 6 Select the option in which the given figure is embedded (rotation is NOT allowed).
$\square$
Ans

$\times 2$

$\times 3$.

$\checkmark 4$.

Q. 7 Eight children, $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$, and W are seated around a square dining table, all facing towards the centre. Some of them are sitting at the corners while some are sitting at the exact centre of the sides of the table. $V$ is seated at a corner and $R$ is seated at the middle of one of the sides. $S$ is an immediate neighbour of $R$. $Q$ is seated third to the right of V . There are exactly two children sitting between Q and S . T is an immediate neighbour of both $V$ and $P$. W is seated second to the left of $S$. If $U$ is not an immediate neighbour of $V$, where is $R$ seated?
Ans
5. Fourth to the left of $U$
$\times 2$. Third to the right of $U$
6. To the immediate left of W
7. Third to the right of $W$
Q. 8 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.)
$(7,13,10)$
$(15,21,18)$
Ans
X1. $(9,14,12)$
$\times 2 .(8,15,22)$
8. $(11,15,13)$

人4. $(5,10,15)$
Q. 9 Two positions of the same cubical block are shown. When one of the faces W is at the top, which face will be at the bottom?


Ans
$X 1 . Z$
$X 2 . Y$

- 3. $x$
-4.B
Q. 10 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


## (1)

Ans
Q. 11 Select the figure that will come in place of the question mark (?) in the following
figure series.


Ans

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 12 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete? PTA, QUB, RVC, SWD, ?
Ans
X 1. XET
X 2. TEX
X 3. XTE

- 4.TXE
$Q .13$ ' $Q$ * $R$ ' means ' $Q$ is the mother of $R$ ' ' $Q+R$ ' means ' $Q$ is the husband of $R$ ' ' $Q \times R$ ' means ' $Q$ is the sister of $R$ ' ' $Q \div R$ ' means ' $Q$ is the son of $R$ ' If ' $D \times O \div E+Y$ ', how is $D$ related to $Y$ ?
Ans
$\times 1$. Sister
Х2. Daughter-in-law

3. Daughter
$\times 4$. Brother
Q. 14 If $A$ denotes ' + ', B denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following expression? 32C16D8A4B2

Ans

1. 38
<2.89
3.35
2. 98
Q. 15 Which of the following letter-clusters will replace the question mark (?) in the given series?
PL, RO, TS, VX, XD, ?
Ans
X 1. ZL
3. ZK

X 3. YK
X4. ZJ
Q. 16 In a certain code language, 'CLOUDS' is written as 'SBQAJM' and 'BRIGHT' is written as 'EFRZPG'. How will 'DREAMY' be written in that language?
Ans
X 1. YKWCBP
2. YKWBPC

X 3. YKXCPB
X4. WKXBPC
Q. 17 In a certain code language, 'GARDEN' is written as 'OFESBH' and 'LADDER' is written as 'SFEEBM'. How will 'HANDLE' be written in that language?
Ans
X 1. FMDOBI
2. FMEOBI
3. FMGOBI
4. FMFOBI
Q. 18 Which of the following numbers will replace the question mark (?) in the given series?
$8,10,16,28$, ?
Ans

- 1.46

2. 56
3. 48
4.58
Q. 19 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
(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) Bird : Nest

Ans
X1. Goat: Grass
2. Tiger: Kennel
3. Ant: Sugar
4. Cattle : Barn
Q. 20 Rocky starts from point A and drives 3 km towards east. He takes left turn and drives 4 km . He again takes a left turn and drives 3 km . He takes one more left turn and drives 2 km and stops at B. How far and towards which direction should he drive in order to reach point $A$ again?

Ans

1. 2 km towards south
2. 3 km towards south
$\times 3.3 \mathrm{~km}$ towards east
X4. 2 km towards north
Q. 21 रोशनी बाज़ार में एक व्यक्ति से मिली, जो उसकी माँ के पिता की पत्नी का इकलौता पुत्र है। उस व्यक्ति की पत्नी का रोशनी से क्या संबंध है?

Ans
X1. बहन
2. मामी

X3. माँ
$\times 4$. पुत्री
Q. 22 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
88.4: 64 :: 72.8: ? :: 96.2 : 71.8

Ans
-1. 51.2
2. 49
3. 50
4. 48.4
Q. 23 City A is located to the North of city B. City D is located to the East of city B. City C is located to the West of city D. City E is located to the South of city C and to the SouthWest of city $A$. What is the position of city $B$ with respect to city $C$ ?
Ans
$\times 1$. South
$\times 2$. West
2. East
4. North
Q. 24 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans

$\checkmark 2$.

$\times 3$

$\times 4$.

Q. 25 Which option represents the correct order of the given words as they would appear in the English dictionary?
1 Measurement
2 Methodology
3 Melanin
4 Metaphor
5 Meritorious
Ans
X 1. 3, 1, 5, 4, 2
2. $1,3,5,4,2$
3. 1,4,2,5,3
4. 1,5,3,2,4
Q. 26 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6 . Select the number that will be on the face opposite to the one showing ' 3 '.


Ans
$\times 1.1$

- 2.4
$\times 3.2$
$\times 4.5$
Q. 27 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.)
Russia : Ruble :: Myanmar : ?
Ans
- 1. Dirham

X 2. Baht
2. Kyat
$\times 4$. Peseta
Q. 28 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some pens are markers.
All markers are crayons.
Conclusions:
l. All pens can never be crayons.
II. Atleast some crayons are pens.

Ans

1. Only conclusion I follows

X 2. Neither conclusion I nor II follows
X 3. Both conclusions I and II follow
4. Only conclusion II follows
Q. 29 Based on the position in the English alphabetical order, three of the following letterclusters are alike in some manner and one is different. Select the odd letter-cluster.
Ans

1. PSTZ
(2. ADEJ
$\times 3$. LOPU
$\times 4$. FIJO
Q. 30 Which of the following numbers will replace the question mark (?) and complete the given number series?
48, 50, 54, 66, 114,?
Ans
$\times 1.352$
2.358
2. 354
3. 356
Q. 31 Select the figure that will replace the question mark (?) in the following figure series.


Ans

Q. 32 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.
$g_{-} \mathrm{C}_{-} \mathrm{P} \mathbf{-}_{-} \mathrm{bc} \mathrm{c}_{-} \mathrm{p} \mathrm{s}_{-} \mathrm{g}_{-} \mathrm{c} \mathrm{p}_{-} \mathrm{sc}$
Ans
Х1.bpsppsbp
X2.bpcgpsbp
3.bpsgpcbp

X4.bpspgcbp
Q. 33 In a code language, 'GROUP' is written as 'ETMWN' and 'PACTED' is written as 'NCAVCF'.How will 'LIONS' be written in that language?

Ans

1. JKMPQ
2. JKNPR

X 3. JKNOQ
X 4. JGMPR
Q. 34 Select the correct combination of mathematical signs to replace the * signs and to balance the given equation.

$$
(\sqrt{729 * 9}) * 67 * 81 *(4 * 6) * 19
$$

Ans $\times 1 .+,-,+, \div,=, x$
人2. $\times,+,-,+, \times,=$
$\times 3 .+,-, \div,=,-, \times$

- $4 . \div,+,=,-, \times,+$
Q. 35 If 2 March 2022 was a Wednesday, what day of the week was it on 2 March 2006?

Ans
< 1. Friday
2. Tuesday
3. Thursday
4. Monday
Q. 36 Eight people are sitting in two parallel rows with 4 people each, in such a way that there is equal distance between adjacent persons.

In Row I-L, O, V and E are seated and all of them are facing south. In Row II - P, I, C and T are seated and all of them are facing north.

C sits next to the person at the extreme left end of their row and is exactly opposite 0 . V sits at the extreme left end of their row and is exactly opposite T . E is the immediate neighbour of $V$ and is exactly opposite $P$. Who sits at the extreme left end of the row of people facing North?
Ans

1. P
2. T
3.1
3. C
Q. 37 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 /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.)
$(3,11,92)$
$(4,8,264)$
Ans
X $1 .(2,32,50)$
X 2. $(7,13,2401)$

- 3. $(5,35,660)$
$\times 4 .(6,12,676)$
Q. 38 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.


Ans

Q. 39 Two statements are given followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

No truck is a bus.
Some buses are cars.
Conclusions:
I. No bus is a truck.
II. All cars are trucks.
III. Some cars are buses.

Ans
X 1. Conclusions I, II and III follow.
X 2. Both conclusions II and III follow.
X 3. Both conclusions I and II follow.
4. Both conclusions I and III follow.
Q. 40 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
21: 40 :: 16 : ? :: 26 : 50
Ans
<1. 25
$\times 2.40$
v3. 30
$\times 4.35$
Q. 41 Which of the following numbers will replace the question mark (?) in the given series? 83, 100, 134, ?, 253

Ans

1. 185
2. 168
3. 253
4. 151
Q. 42 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans

Q. 43 Select the Venn diagram that best illustrates the relationship between the following classes.
Playground, School, College
Ans
$\times 1$

$\times 2$

, 3.

$\times 4$

Q. 44 If A denotes ' + ', B denotes ' $\times$ ', C denotes ' - ', and D denotes ' $\div$ ', then what will be the value of the following expression? 72 D 12 A 16 C 4 B $2=$ ?

Ans
, 1.14
$\times 2.45$
$\times 3.30$
$\times 4.19$
Q. 45 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following expression?
45 A 15 D 15 C 14 B 2
Ans

1. 18
-2. 12
2. 14
3. 15
Q. 46 If $\times$ means,++ means,-- means $\div, \div$ means $\times$, then what will come in place of the question mark (?)?
$13 \times 6 \div 18+98-7=$ ?
Ans
4. 107
<2. 95
5. 102
6. 88
Q. 47 Three statements are given, followed by three conclusions numbered I, II and III.

Assuming the statements to be true, even if they seem to be at variance with
commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statement :
Some Spoons are Forks.
Some Tongs are Ladles.
All Ladles are Spoons.
Conclusions:
(I) Some Tongs are Spoons.
(II) Some Forks are Ladles.
(III) All Ladles are Fork.

Ans

1. Both Conclusions I and II follow.

X 2. Both Conclusions II and III follow.
X 3. Both Conclusions I and III follow.
4. Only Conclusion I follows.
Q. 48 Which of the option figures is the exact mirror image of the given problem figure when the mirror is held at the right side?

Problem figure:


Ans

Q. 49 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

Ans
$\times 1$. PKN
2. EUY

X 3. DWZ
4. JQT
Q. 50 In a certain code language, 'ROBOT' is written as 'BOTOR' and 'BRING' is written as 'INGRB'. How will 'PANTS' be written in that language?
Ans

1. StNAP
2. NAPTS
3. NTSAP
4. NTSPA

## Section : General Knowledge and General Awareness

Q. 130 सितंबर 2022 तक, अंतरराष्ट्रीय ओलंपिक समिति (IOC) के अध्यक्ष कौन थे?

Ans

1. जैक काउंट रो (Jacques Count Rogge)
2. दिमित्री विकेलस (Demetrius Vikelas)
3. लार्ड किलेनिन (Lord Killanin)
4. थॉमस बाक (Thomas Bach)
Q. 2 कौन-सा कोशिकांग ER जैसी मोटाई वाला एक के ऊपर एक लगी हुई झिल्लीदार थैली है, जो प्रोटीन और लिपिड अणुओं, विशेष रूप से स्थायी प्रोटीन को संसाधित करने और उसकी पैकेजिंग में सहायक होता है?

Ans

1. लाइसोसोम
2. गॉल्जी उपकरण
3. माइटोकॉन्ड्रिया
4. लवक
Q. 3 निम्नलिखित में से आत्मकथा और संबंधित व्यक्तित्व के सही युग्म का चयन करें।

Ans

1. द टेस्ट ऑफ माई लाइफ : सानिया मिर्जा
2. मून वॉक : माइकल जैक्सन
3. ड्रीम्स फ्रॉम माय फादर : विजय कुमार
4. स्ट्रेट फ्रॉम द हार्ट : बराक ओबामा
Q. 4 Match the lakes in column A with their countries in column B.

| Column-A | Column-B |
| :--- | :--- |
| i. Lake Baikal | a. Uganda and Tanzania |
| ii. Lake Superior | b. Canada and USA |
| iii. Loch Lomond | c. Scotland |
| iv. Lake Victoria | d. Russia |

Ans

1. i-a, ii-b, iii-c, iv-d
2. i-a, ii-c, iii-b, iv-d
3. i-d, ii-b, iii-c, iv-a
4. i-a, ii-d, iii-b, iv-c
Q. 5 during the cultivation season.
Ans
$\times 1$.
. Vera Dance
5. Yakshagana
6. Verdigao Dance
7. Jhumur
Q. 6 संविधान के किस अनुच्छेद में कहा गया है कि 'किसी भी व्यक्ति को उसके प्राण या दैहिक स्वतंत्रता से विधि द्वारा स्थापित प्रक्रिया के अनुसार ही वंचित किया जाएगा, अन्यथा नहीं?
Ans
X1. अनुच्छेद 19
8. अनुच्छेद 22
9. अनुच्छेद 21
10. अनुच्छेद 20
Q. 7 कंदरिया महादेव मंदिर में, अनुष्ठानिक पूजा का स्थान था, जहां केवल राजा, उनके परिवार के लोग और पुजारी एकत्रित होते थे।

Ans

1. गर्भगृह
2. महामंडप
3. अंतराल
4. आमलक
Q. 8 Which extraordinary scholar and artist of the $17^{\text {th }}$ century AD composed Bhaamaakalaapam, a dance drama based on Kuchipudi?
Ans
X 1. Sachindra Yogi
5. Shivendra Yogi
6. Siddhendra Yogi
7. Sidharth Yogi
Q. 9 What is the correct formula of calcium hydroxide?

Ans
$\times 1 . \mathrm{CaOH}$
$\times 2 . \mathrm{Ca}(\mathrm{OH})_{4}$
3. $\mathrm{Ca}(\mathrm{AlOH})_{4}$
4. $\mathrm{Ca}(\mathrm{OH})_{2}$
Q. 10 Which Article of the Constitution of India deals with the Conduct of Business of the Government of a State?

Ans

1. Article 165
2. Article 163
3. Article 166
4. Article 164
Q. 11 Which level of the food chain includes Typha bulrushes, Sagittaria, Hydrilla, Rupia, Chara, occurring in concentric layers from the periphery to the deep regions?
Ans
5. Producers
$\times 2$. Primary consumers
6. Secondary consumers
$\times 4$. Decomposers
Q. 12 Devka Beach, a beautiful expanse of black sand is located in $\qquad$ -.
Ans

- 1. Mumbai

2. Daman
$\times$ 3. Kochi
X4. Vijayawada
Q. 13 In India, the judicial system is largely autonomous. The Judiciary must use its powers under Articles 32 and $\qquad$ to protect the fundamental rights given in the Constitution of India.

Ans
$\times 1.11$
2. 12
3. 13
4. 10
Q. 14 Kumudini Lakhia, the founder of Kadamb School of Dance and Music, is a dancer.

Ans

1. Bharatanatyam
2. Kathakali

X 3. Kuchipudi
4. Kathak
Q. 15 Which of the following pair of type of climate - area is NOT correct?
I. Semi-arid steppe climate - Punjab
II. Monsoon with dry summer - Coromandel coast of Tamil Nadu

Ans

1. Only I
2. Neither I nor II
3. Only II

X 4. Both I and II
Q. 16 In the third karnatak war, the British East India Company defeated the French forces at the $\qquad$ in 1760 ending almost a century of conflict over French supremacy in India.
Ans

1. The Siege of Arcot
2. The Battle of Adyar

X 3. The Battle of Ambur
4. The Battle of Wandiwash
Q. 17 Which of following pair of plastids - thing stored is NOT correct?
I. Amyloplasts - oils and fats
II. Aleuroplasts - carbohydrates

Ans
X 1. Only I
X 2. Both I and II
2. Neither I nor II

X 4. Only II
Q. 18 निम्नलिखित में से कौन से प्रकार के तत्व आवर्त सारणी के सबसे बाएं समूह में शामिल है?

Ans

1. उत्कृष्ट गैसे
2. हैलोजन
3. अधातु
4. क्षारीय धातु
Q. 19 Which of the following is called as 'the temple of the country's democracy'?

Ans

1. Raj Ghat
2. Supreme Court
3. Ashok Pillar4. Parliament
Q. 20 चकरी (Chhakri), एक सामूहिक गीत है। यह $\qquad$ के लोक संगीत का एक लोकप्रिय रूप है।
Ans1. बिहार
4. पश्चिम बंगाल
5. कश्मीर
6. तमिलनाडु
Q. 21 Lord Dalhousie, the Governor-General, introduced which of the following policies pertaining to the expansion of the British Empire?
Ans
7. Subsidiary Alliance
8. Policy of Paramountcy
9. Doctrine of Lapse
10. Policy of Ring Fence
Q. 22 Which of the following pair of microorganism - type is correct? I. Paramecium - Fungi II. Penicillium - Protozoa

Ans

1. Only II
2. Both I and II
3. Neither I nor II
4. Only I
Q. 23 In 1950-51, what percentage of GDP of India was contributed by the industrial sector?

Ans
$\times 1.22$ percent
2. 28 percent

- 3.13 percent

X4. 16 percent
Q. 24 The first unified Asian Games were held in:

Ans
X1. Manila
2. Tokyo

X 3. Jakarta
$\checkmark$
4. New Delhi
Q. 25 What is the minimum over rate in a Test match?

Ans

1. 10 overs/h
2. 15 overs/h

X 3.12 overs/h
X 4.13 overs/h
Q. 26 दिल्ली सल्तनत में, निम्नलिखित में से किन्हें बंदगान (Bandagan) के रूप में जाना जाता था?

Ans1. धर्म परिवर्तन के लिए नियुक्त विशेष व्यक्ति
2. भू-राजस्व वसूली के लिए विशेष अधिकारी
3. शाही कारखानों (Kharkhanas) में तैनात विशेष कारीगर
4. सैन्य सेवा के लिए खरीदे गए खास गुलाम
Q. 27 In south, who was the founder of the dynasty called Rashtrakuta dynasty?

Ans

1. Gopala
2. Nagabhatta
3. Dantidurga
4. Vijayalaya
Q. 28 How many times did India win the women's World Cup in cricket?

Ans
$\times 1$. Thrice
< 2. Twice
$\times 3$. Once4. Never
Q. 29 Ustad Bundu Khan and Santosh Mishra are the famous players of which musical instrument:
Ans
(1. sitar
2. shehnai
3. sarangi
$\times 4$
4. sarod
Q. 30 भारतीय संविधान की कौन सी विशेषता जापान के संविधान से ली गई है?

Ans

1. विधि द्वारा स्थापित प्रक्रिया
2. राष्ट्रपति और सर्वोच्च न्यायालय के न्यायाधीशों पर महाभियोग
3. संविधान का संशोधन

Х4. विशेषाधिकार रिट
Q. 31 What is the value of merchandise exports by India in September 2022?

Ans
$\times 1.18 .23$ Billion USD
2. 108.59 Billion USD
3. 35.45 Billion USD
$\times 4.61 .16$ Billion USD
Q. 32 निम्नलिखित में से किस भारतीय राज्य में दुत्रापोथुला पांडुगा मनाया जाता है?

Ans
$\times 1$. तमिलनाडु
$\times 2$. पश्चिम बंगाल
3. असम
4. तेलंगाना
Q. 33 मंत्रिपरिषद सामूहिक रूप से किसके प्रति उत्तरदायी होती है?

Ans

1. लोकसभा
2. संसद
3. लोकसभा और राज्य-सभा दोनों
4. भारत के राष्ट्पति
Q. 34 Which state in India ranks the first in milk production as per data of 2020-21?

Ans
X 1. Gujarat
2. Andhra Pradesh

X 3. Rajasthan4. Uttar Pradesh
Q. 35 In which of the following Indian states is the cultural festival of Jawa celebrated?

Ans

1. Rajasthan
2. Jharkhand
3. Tamil Nadu
4. Gujarat
Q. 36 भारतीय राष्ट्रीय कांग्रेस के $\qquad$ के अधिवेशन में 'सूरत विभाजन' हुआ था।
Ans
5. 1907
-2. 1905
6. 1906
7. 1908
Q. 37 What is the atomicity of Phosphorus?

Ans
X1. Poly-atomic
2. Monoatomic
3. Diatomic
4. Tetra-atomic
Q. 38 Match the columns.

| Instruments | Their Function |
| :--- | :--- |
| i. Voltmeter | a. An instrument that <br> measures the magnitude <br> of the current |
| ii. Ammeter | b. An instrument that <br> measures voltage |
| iii. Galvanometer | c. An instrument that <br> measures resistance |
| iv. Ohmmeter | d. An instrument that <br> measures the direction <br> and the magnitude of the <br> current |

Ans

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

X 3. i-b, ii-a, iii-c, iv-d
4. i-a, ii-b, iii-c, iv-d
Q. 39 In which of these battles the involvement of the Mughal army was not there?

Ans
$\times 1$. Battle of Haldighat
$\times 2$. Battle of Buxar
3 3. Second Battle of Panipat
4. Battle of Aliwal
Q. 40 The $\qquad$ principally performs the function of packaging materials, to be delivered either to the intra-cellular targets or secreted outside the cell.
Ans

1. vacuoles
2. endoplasmic reticulum
$\times 3$. Iysosomes
3. golgi apparatus
Q. 41 In which state of India is Tawa dam located?

Ans

1. Uttar Pradesh
2. Haryana
3. Rajasthan
4. Madhya Pradesh
Q. 42 Which of the following statement(s) is correct about MNCs? Statements:
1) A MNC is a company that owns or controls production in more than one nation.
2) They lead to creation of monopoly in the home country.
3) They are also called stateless organisations.

Ans

1. Only statements 1 and 2
2. Only statements 1 and 3
$X$ 3. Only statement 2
3. Only statement 1
Q. 43 Which of the following is NOT a function of calcium in our body?

Ans
人 1. It plays an important role in blood clotting.
2. It helps the digestive system.
$\times 3$. It is associated with healthy bones and teeth
4. It helps muscles to contract.
Q. 44 The famous musician Satyadev Pawar is associated with which musical instrument?

Ans

1. Violin
2. Shehnai
3. Veena
4. Sitar
Q. 45 Fundamental Duties have $\qquad$ , social and economic significance.

Ans 1. ethical
2. historical
3. religious
4. political

## Q. 46 According to Annual Report 2020-21 (Ministry of Road Transport and Highways,

 Government of India), what is the total length of National Highways in the country?Ans

1. $136,440 \mathrm{~km}$
2. $178,300 \mathrm{~km}$

X 3. 145,500 km
X4. $162,700 \mathrm{~km}$
Question ID : 26433071586
Status:
Not Attempted and
Marked For Review
Q. 47 Which of the following has the chemical name as sodium hydrogen carbonate?

Ans
$\times 1$. Baking powder
2. Baking soda

X 3. Washing soda
4. Plastic of Paris
Q. 48 According to the 2011 census, what is the difference in the male and female literacy rates in India?

Ans
X1. 14.96 percent
2. 15.23 percent
3. 17.98 percent
4. 16.68 percent
Q. 49 The Dahsala system under the administration of Akbar was related to:

Ans
X 1. diplomatic missions
2. land revenue system

X 3. export and import of stones
$\times 4$. cultural meet
Question ID : 26433082065

Status : | Not Attempted and |
| :--- |
| Marked For Review |

Chosen Option: --
Q. 50 निम्नलिखिति में से क्या मध्यवर्ती माल का एक उदाहरण नहीं है?

Ans
$\times 1$. हार्ड ड्राइव
2. स्टील
3. पेंट
4. औषधि

## Section : Quantitative Aptitude

Q. 1 If the number $476{ }^{* *} 0$ is divisible by both 3 and 11 , then in the hundredth and tenth places, the non-zero digits are, respectively:

Ans
$\times 1.2$ and 3
<2.3 and 2
$\times 3.5$ and 8
4. 8 and 5
Q. 2 The height and curved surface area of a right circular cylinder are 7 cm and $70 \mathrm{~m} \mathrm{~cm}^{2}$. Its total surface area is:

Ans
X1. $140 \pi \mathrm{~cm}^{2}$
2. $150 \pi \mathrm{~cm}^{2}$
3. $180 \pi \mathrm{~cm}^{2}$
4. $120 \pi \mathrm{~cm}^{2}$
Q. 3 A cylinder of height 8 cm and radius 6 cm is melted and converted into 3 cones of the same radius and height that of cylinder. Determine the total curved surface area of cones.
Ans

1. $180 \mathrm{~m} \mathrm{~cm}^{2}$
$\times 2.60 \mathrm{mcm}^{2}$
X $3.144 \pi \mathrm{~cm}^{2}$
X4. $120 \pi \mathrm{~cm}^{2}$
Q. 4 The heights of two right circular cones are in the ratio 1:5 and the perimeter of their bases are in the ratio $5: 3$. Find the ratio of their volumes.
Ans
X1.8:11
$\times 2.7: 6$
2. $5: 9$
$\times 4.3: 4$

[^0]Q. 6 The cost price of an article is ₹ 1,200 . On buying four such articles, the customer gets one for free. If the selling price of each article is ₹ 1,800 , then determine the net percentage profit earned by the shop keeper on selling four articles.
Ans
$\times 1.12 \%$
2. $20 \%$
з. $18 \%$
4. $15 \%$
Q. 7 Find the difference between the compound interest and simple interest when a sum of Rs. 15,625 is invested for 3 years at $4 \%$ per annum.

Ans

1. Rs. 76
2. Rs. 96
3. Rs. 56
4. Rs. 86
Q. 8 Study the given table and answer the question that follows.

|  | Production of different cereals (in million <br> tonnes) |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Year | Rice | Wheat | Barley | Others |
| 2016 | 6800 | 2700 | 2500 | 4500 |
| 2017 | 8000 | 4200 | 4400 | 3000 |
| 2018 | 6800 | 3500 | 5200 | 4600 |
| 2019 | 7200 | 4000 | 5800 | 5000 |
| 2020 | 8200 | 5600 | 6100 | 6900 |

Which of the cereals shows continuous increase in its production over the years?

Ans

1. Barley
$\times 2$. Others
$\times 3$. Wheat
$\times$ 4. Rice
Q. 9 Calculate the mean from the following table.

| Scores | Frequencies |
| :---: | :---: |
| $0-10$ | 2 |
| $10-20$ | 4 |
| $20-30$ | 12 |
| $30-40$ | 21 |
| $40-50$ | 6 |
| $50-60$ | 3 |
| $60-70$ | 2 |

Ans
1.33.4
$\times 2.32 .6$
$\times 3.35 .8$
4.34.2
Q. 10 How much percentage should a racer increase speed to reduce the time by $20 \%$ to cover a fixed distance?

Ans

1. $25 \%$
2. $30 \%$
$\times 3.40 \%$
3. $35 \%$
Q. 11 If $86 y 5$ is exactly divisible by 3 , then the least value of $y$ is:

Ans
$\times 1.3$
2. 0
3. 1
4. 2
Q. 12 Simplify the following: $\left(1+\cot ^{2} \theta\right)(1-\cos \theta)(1+\cos \theta)$

Ans
2. -5
3. 3
4. -3
Q. 13 Two circles of radii 8 cm and 3 cm , respectively, are 13 cm apart. AB is a direct common tangent touch to both the circles at $A$ and $B$ respectively then the length of $A B$ is

Ans
X1. 10 cm

- 2.12 cm
$\times 3.8 \mathrm{~cm}$
$\times 4.6 \mathrm{~cm}$
Q. 14 If the radius of a sphere increases by $10 \%$, what would be the change in the surface area of the sphere?
Ans
X1.20\%

2. $21 \%$
$\times 3.31 \%$
× $4.25 \%$
Q. 15 Study the given table and answer the question that follows.

Production of masks (in million) by a company during the first half of 2020

| Month |  | April | May | June | July | August |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| September |  |  |  |  |  |  |
| Surgical | 250 | 250 | 180 | 400 | 200 | 150 |
| N 95 | 250 | 270 | 500 | 450 | 300 | 200 |
| FFP1 | 250 | 270 | 150 | 250 | 300 | 200 |
| Activated <br> Carbon | 250 | 260 | 250 | 330 | 300 | 350 |
|  <br> sponge | 250 | 260 | 260 | 350 | 320 | 240 |
| Total | 1250 | 1310 | 1340 | 1750 | 1420 | 1140 |

In the case of Activated Carbon Masks, in which pair of months was the production equal?
Ans

1. April, June
2. April, July
3. July, September
4. April, May
Q. 16 In the given figure, MNP, SQP, NQR and MSR are straight lines. $\angle N P Q=54^{\circ}$ and $=\angle Q R S=68^{\circ}$. What is the degree measure of $\angle \mathrm{SMN}$ ?


Ans
$\times 2.38^{\circ}$
$\times 3.54^{\circ}$
$\times 4.68^{\circ}$
Q. 17 A and B run a 12 km race on a circular track of length 1200 m . They complete one round in 300 seconds and 400 seconds, respectively. After how much time from start will the faster person meet the slower person for the last time?
Ans

1. 2400 seconds
$\times 2.8400$ seconds
⒊ 9600 seconds
X4. 10800 seconds
Q. 18 The perimeters of two similar triangles are 36 cm and 24 cm , respectively. Find the ratio of their areas.
Ans
$\times 1.6: 13$
2. $2: 3$
3. 9:4
4. $35: 24$

## Q. 19 Satish bought 35 notebooks for ₹ 700 and sold 28 of them for ₹ 600 . Find his percentage

 gain.Ans

1. $7 \frac{1}{7} \%$
2. $9 \frac{1}{7} \%$
3. $6 \frac{1}{7} \%$
4. $8 \frac{1}{7} \%$
Q. 20 What is the greatest number of six digits, which when divided by each of $16,24,72$ and 84 , leaves the remainder 15 ?

Ans
X1. 999981
2. 999951

X 3. 999963
×4. 999915
Q. 21 The ratio of two numbers is $5: 7$ and their HCF is 3 . Their LCM is:

Ans
-1.75

- 2. 105

X 3.125
$\times 4.35$
Q. 22 A shopkeeper gives $20 \%$ commission on the retail price of one article and earns 5\% profit. If his commission is reduced by $10 \%$, then what is his approximate profit percentage? (Nearest integral value)

Ans

1. $18 \%$
2. $10 \%$
3. $15 \%$
4. $8 \%$
Q. 23 If $\cos \theta+\sec \theta=2$, then the value of $\sin ^{6} \theta+\cos ^{6} \theta$ is:

Ans
$\times 1.1 / 3$
$\times 2.0$

- 3.1
$\times 4.1 / 2$
Q. 24 The average of a batsman in 16 innings is 36 . In the next innings, he scores 70 runs. What will be his new average?

Ans
$\times 1.53$
$\times 2.35$
$\times 3.106$
4. 38
Q. 25 The salary of Ramesh first increases by $35 \%$, then decreases by $40 \%$, then again increases by $25 \%$. Find the overall increase or decrease percentage.

Ans

1. Increase 1.25\%
2. Decrease $2.25 \%$
3. Decrease 1.25\%
4. Increase 2.25\%
Q.26 The average age of $\mathbf{2 5}$ girls in a class is $\mathbf{1 1 . 2}$ years and that of the remaining $\mathbf{1 5}$ girls is 10 years. Find the average age of all the girls in the class.
Ans
5. 10.75 years

X2. 11.35 years
X 3.10 .45 years
X4. 11.05 years
Q. 27 The following table gives the number of patients visiting a dental clinic for the issues related to their oral health during the months May, June, July and August in 2015. Study the table carefully and answer the question that follows.

| Month <br> (2015) | Cleaning and <br> polishing of teeth | Fixing crowns <br> and bridging | Orthodontic <br> treatment | Teeth whitening |
| :--- | :--- | :--- | :--- | :--- |
| May | 410 | 880 | 680 | 360 |
| June | 160 | 970 | 790 | 270 |
| July | 520 | 680 | 460 | 530 |
| August | 440 | 590 | 1020 | 280 |

For the given months in 2015, the average number of patients visiting the dental clinic for Cleaning and polishing of teeth, Fixing crowns and bridging and Teeth whitening is what percentage(rounded off to 1 decimal place) more/less than the average number of patients visiting the dental clinic for Orthodontic treatment?

Ans
Х 1. More by 31.2 Percent
2. Less by 31.2 Percent

X 3. Less by 38.9 Percent
X 4. More by 38.9 Percent

| Question ID : | 26433063250 |
| :---: | :---: |
| Status : | Not Attempted and Marked For Review |
| Chosen Option : | : -- |

Q. 28

Find $\cos \left(-\frac{7 \pi}{2}\right)$.
Ans
-1. $\frac{1}{2}$
$\times 2.1$
X 3. -1
4. 0
Q. 29 A retailer wants to sell an item for Rs.2,700 after granting a 10\% discount. What is the marked price of the item?
Ans
X 1. Rs.2,850
2. Rs.3,000

X 3.Rs.3,050
4. Rs.3,110
Q. 30 The HCF of $\frac{3}{4}, \frac{7}{8}$ and $\frac{13}{14}$ is:

Ans

1. $\frac{1}{36}$
2. $\frac{1}{56}$
(3. $\frac{1}{70}$
3. $\frac{1}{60}$
Q. 31 Study the given bar-graph and answer the question that follows.

The bar-graph shows the exports and imports (in ₹lakh) of a company from 2000-2004.


What is the average export (in ₹lakh) from the year 2000 to 2004 ?
Ans
$\times 1.100$
$\times 2.125$

- 3.112
<4. 130
Q. 32 The salaries of A, B and C are in ratio of $\frac{3}{2}: \frac{6}{5}: \frac{4}{3}$. The salary of A and B together is Rs. 40,500 . By what percentage is the salary of A more than that of C ?

Ans
X1.12\%
X 2.13\%
X 3.11.5\%
4.12.5\%
Q. 33 Find the least value of $(A+B)$ if the number 27B58A4 is completely divisible by 88.

Ans
$\times 1.5$

- 2.2
$\times 3.4$
4.7
Q. 34 A can complete a work in 8 days and B can complete the same work in 11 days. How long will they take, if both work together?

Ans
$\times 1.4 \frac{12}{17}$ days
2. $5 \frac{12}{19}$ days
3. $4 \frac{11}{19}$ days
4. $4 \frac{12}{19}$ days
Q. 35 A bus travels at $100 \mathrm{~km} / \mathrm{h}$ for the first $1 / 2$ hour. Later it travels at $80 \mathrm{~km} / \mathrm{h}$. Find the time taken by the bus to travel 290 km .

Ans

1. 4 hours
2. 3.5 hours
3. 3 hours
4. 2.5 hours
Q. 36 The value of $(\operatorname{cosec} A+\cot A)(1-\cos A)$ is:

Ans1. $\cos A$
2. $\tan A$
3. $\cot A$
4. $\sin \mathrm{A}$
Q.37 A and B can complete a work in 36 days and 45 days respectively. They worked together for 2 days and then A left the work. In how many days will B complete the remaining work?

Ans
$\times 1.41 .5$
<2. 40
3. 41
4. 40.5
Q. 38

If $\frac{x^{8}+1}{x^{4}}=14$, then the value of $\frac{x^{12}+1}{x^{6}}$ is:
Ans
⒈ 16
$\times 2.14$

- 3.52
$\times 4.64$
Q. 39 The total number of teachers in different subjects and the respective percentage of females among them in a school are given in the following table. Study the table and answer the following question.

| Subject | Total number of teachers | Percentage of <br> females |
| :--- | :--- | :--- |
| Hindi | 50 | 80 |
| English | 40 | 90 |
| Mathematics | 60 | 35 |
| Science | 55 | 40 |
| Commerce | 30 | 50 |
| Social Science | 40 | 75 |

What is the ratio of the number of male teachers to that of female teachers in Social Science?
Ans
$\times 1.3: 1$
$\times 2.2 .3$
$\times 3.1 .3$
$\times 4.3 .2$
Q. 40 The wages of workers (W1, W2, W3, W4, W5, W6) for different tasks (T1, T2, T3) are given


What is the difference in average wages per worker for task T1 and task T3?
Ans

$$
\begin{array}{r}
1 . \frac{1}{3} \\
\times 2 . \frac{1}{2} \\
\times 3 . \frac{2}{3} \\
\times 4 . \frac{1}{4}
\end{array}
$$

Q. 41 Simplify: $(x+y)^{3}-(x-y)^{3}-6 y\left(x^{2}-y^{2}\right)$

Ans

1. $8 y^{3}$
$\times 2 . x^{3}$
$\times 3.8 x^{3}$
X $4 . y^{3}$
Q. 42 If $x^{2}+6 x+1=0$, then the value of $(x+6)^{3}+\frac{1}{(x+6)^{3}}=$ ?

Ans
X1. 245
2. 216
3. 186
4. 198
Q. 43 Study the given table and answer the question(s) that follow(s).

The marks obtained by four students A, B, C and D in Mathematics, Statistics and Computers are given in the following table.

| Students $\rightarrow /$ Subjects $\downarrow$ | A | B | C | D |
| :--- | :---: | :---: | :---: | :---: |
| Mathematics | 60 | 50 | 70 | 75 |
| Statistics | 70 | 45 | 60 | 80 |
| Computers | 80 | 55 | 55 | 75 |

Who among the students has ranked first on the basis of the total marks obtained as per the given table?

Ans
$\times 1 . \mathrm{c}$

- 2.D
$\times 3$ B
$\times 4$. A
Q. 44

The value of $\frac{\frac{5}{2}-\frac{3}{7} \times 1 \frac{4}{5} \div 3 \frac{6}{7}}{\frac{3}{2}+1 \frac{2}{5} \div 3 \frac{1}{2} \times 1 \frac{1}{4}}$ is:
Ans
$\times 1.2 \frac{3}{20}$
2. $1 \frac{2}{20}$
3. $1 \frac{3}{20}$
-4. $1 \frac{7}{20}$
Q. 45 If the LCM of two numbers $a$ and $b$ is 60 and their HCF is 15 . Determine their mean proportion.
Ans

1. 30
2. 25
3. 60
4.4
Q. 46 The area of the sector of a circle is $128 \mathrm{~cm}^{2}$. If the length of the arc of that sector is 64 cm , then find the radius of the circle.
Ans
4. 4 cm
5. 8 cm
3.2 cm
6. 16 cm
Q. 47 The following table shows the number of centuries scored by cricketers in the past 5 years.

| cricketers Years | 2021 | 2020 | 2019 | 2018 | 2017 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| A | 1 | 0 | 2 | 1 | 1 |
| B | 1 | 2 | 0 | 0 | 1 |
| C | 0 | 0 | 1 | 1 | 0 |
| E | 0 | 1 | 1 | 0 | 1 |

The total number of centuries scored by which two players in the mentioned years are the same?

Ans

1. D and $E$
$X$ 2. $D$ and $B$
X3. A and $C$
X4. A and E
Q. 48

Find the HCF of $\frac{11}{25}, \frac{9}{20}, \frac{16}{15}$ and $\frac{10}{33}$.
Ans

1. $\frac{1}{3300}$
2. $\frac{1}{330}$
3. $\frac{1}{33}$
4. $\frac{1}{300}$
Q. 49 The ratio of a father's age to his son's age is $3: 2$ The product of the numbers representing their age is 486 . The ratio of their ages after 5 years will be:
Ans
5. $32: 24$
×2. $32: 21$
$\times$ 3. $32: 22$

- $4.32: 23$
Q. 50

Solve $\{1+7+(16 \div 8 \div 2)\}+\left\{\left(6 \times 2^{2}+6\right) \times \frac{2}{\sqrt{36}}\right\}$.
Ans
$\times 1.17$
$\times 2.21$
จ 3.19
$\times 4.12$

## Section : English Comprehension

Q. 1 Select the most appropriate idiom to fill in the blank.

The family's meeting on property dispute begins today and I'm just sitting down with a cup of coffee, enjoying $\qquad$ .

Ans
$\times 1$. the better of
2. the corridors of power
3. the calm before the storm
4. the bottom line
Q. 2 Select the most appropriate option to substitute the underlined segment in the given sentence. How did you come about his purse?
Ans
X 1. come into
$\times 2$. come off
3. come out
4. come by

## Q. 3 Identify the sentence that correctly uses the indefinite article.

Ans. 'Amateur' is a noun which refers to a person who takes part in an activity as a hobby or for pleasure and not as a job.
2. 'Amateur' is a noun which refers to a person who takes part in an activity as a hobby or for pleasure and not as an job.
3. 'Amateur' is a noun which refers to an person who takes part in an activity as a hobby or for pleasure and not as a job.
4. 'Amateur' is a noun which refers to a person who takes part in a activity as a hobby or for pleasure and not as a job.
Q. 4 Select the most appropriate synonym of the given word.

Pester
Ans

1. Abuse
$\times 2$. Adore
2. Annoy
$\times 4$. Amuse
Q. 5 Select the most appropriate idiom from the following options that can substitute the underlined part of the given sentence.

Sometimes doing something that makes it impossible to return to the previous situation later strengthens you.

Ans
$\times 1$. Painting the town red
2. Knocking your socks off
3. Burning your bridges
×4. A red-letter day
Q. 6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She is / the very ambitious woman / I have ever / come across.
Ans

1. I have hard ever
$\times 2$. She is
2. the very ambitious woman
$\times 4$. come across
Q. 7 Select the most appropriate option that can substitute the underlined segment in the given sentence.
I am not afraid to spoke the truth.
Ans
3. am not afraid to speaking
4. am not afraid to speak
5. was not afraid to spoken
6. was not afraid to spoke
Q. 8 Select the most appropriate meaning of the given idiom.

Wild goose chase
Ans

1. Doing something crazy
< 2. Working very hard for something
2. To betray someone
3. Futile search
Q. 9 Choose the correct meaning of the underlined idiom in the given sentence.

Saira is unable to sustain friendships because she always has too many axes to grind.
Ans

1. To work for others
2. To have one's own interests to serve
3. To use weapons carefully
4. To believe in selflessness
Q. 10 Select the most appropriate ANTONYM of the underlined word.

He applied for the vacant post.
Ans
< 1. Indistinct
人 2. Empty
3. Occupied
4. Lucid
Q. 11 Select the most appropriate option that can substitute the words in the brackets in the given sentence.

The bridge which (connecting) the two cities has been destroyed by the bomb.
Ans

1. connected
2. has connecting
3. connects
4. will be connecting
Q. 12 Select the most appropriate synonym of the given word. Abridge
Ans
X1. Expand
$\times 2$. Earmark
5. Shorten

X4. Increase
Q. 13 Select the most appropriate synonym of the bracketed word to fill in the blank.

The curving rod offers the $\qquad$ (mirage) of a larger and spacious bathtub.
Ans
X1. reflexes
$\times 2$. fission
3. illusion

X4. virtual
Q. 14 Identify the INCORRECTLY spelt word in the given sentence.

The new management repeated its committment to the development of the deprived.
Ans

1. committment
2. development
3. management
4. deprived
Q. 15 Select the most appropriate synonym of the underlined word in the following sentence.
Dr. Brahm Prakash advised me to take care of the performance degraders and cautioned me against seeking optimal performance from the participating work centres.

Ans
$X 1$. minimum
$\times 2$. faulty
X 3. worst
4. best
Q. 16 Select the INCORRECTLY spelt word.

Ans
X1. Vial
X 2. Vassal
X 3. Vise
4. Voracety
Q. 17 Select the most appropriate meaning of the given idiom. Up in the air

Ans
$\times 1$. Something that is tossed up in the air
2. Something that is certain and decided
3. Something that is unknown entirely
4. Something that is invisible and unattainable
Q. 18 Select the most appropriate ANTONYM of the underlined word in the given sentence.

A boy died after he was assaulted by a teacher in his school.
Ans

1. scolded
2. guarded
3. warned
4. criticised
Q. 19 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'.

She paid a high price for the clothes she brought at the boutique.
Ans
<1. bring at
2. bought at
3. No substitution required
4. brought to
Q. 20 Select the most appropriate synonym to replace the italicised word. The little girl had obsequious manners.

Ans
$\times 1$. mischievous
2. defiant
3. headstrong
4. law-abiding
Q. 21 Select the most appropriate option to replace the underlined word in the given sentence.

Rama has been very unlucky in the last few years.
Ans

1. unnerving
2. hapless
$\times 3$. undeserving
3. degraded
Q. 22 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Seeing the danger of a groupgoverned by old people, Ratan planned to recruit young people for his project.

Ans
X 1. adhocracy
X 2. plutocracy
3. gerontocracy

X4. autocracy
Q. 23 Select the most appropriate meaning of the given idiom. By hook or by crook

Ans

1. Using a lot of energy and effort to do something
2. Using whatever methods are necessary
3. Making more of an effort
4. Probably possible, but it will be difficult
Q. 24 Select the most appropriate meaning of the given idiom. Once in a blue moon

Ans
$\times 1$. Occasionally
(2. Continuously
3. Rarely
4. Often
Q. 25 Select the option that can be used as a one-word substitute for the given group of words.

One who believes in his fate
Ans

1. Fatalist
2. Fastidious
3. Fugitive
4. Fanatic
Q. 26 Select the most appropriate ANTONYM of the given word. Vociferous
Ans
5. Silent
$\times$ 2. Sullen
$\times 3$. Gallant
X4. Pugnacious

| Question ID : | $\mathbf{2 6 4 3 3 0 6 6 0 9 7}$ |
| ---: | :--- |
| Status : | Not Attempted and <br> Marked For Review |

Chosen Option: --
Q. 27 Select the option that can be used as a one-word substitute for the given group of words/phrase.

Take hold of forcibly or suddenly
Ans

1. Seize
2. Liberate

X 3. Release
4. Relinquish
Q. 28 Identify the INCORRECTLY spelt word in the given sentence.

A study of metaphysics is the study of the nature of realty, of what exists in the world, what it is like and how it is ordered.
Ans
X 1. metaphysics
$\times 2$. study
$\times 3$. nature
4. realty
Q. 29 Select the most appropriate ANTONYM of the given word. Reprieve
Ans
(1. Turn out
2. Torrential
3. Cease
4. Continuation

## Q. 30 Select the most appropriate meaning of the given idiom.

## Hand and glove

Ans

1. Very intimate terms
2. Under all conditions
3. Decided
4. Oppressive
Q. 31 Select the option in which all the words are spelt correctly.

Ans
$\times 1$. Ritu is defecient in calcium.
2. Ritu is deficient in calcium.
$\times 3$. Ritu is defisient in calcium.
4. Ritu is daficient in calcium.
Q. 32 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'.

By the time his friends woke up, he had already begun his journey.
Ans

1. begin
2. No substitution required
$X$ 3. began
3. beginning
Q. 33 Select the option that can be used as a one-word substitute for the given group of words.

## Someone who does not believe that God exists

Ans

1. Devotee
2. Atheist
3. Priest
4. Nun
Q. 34 Select the most appropriate idiom for the underlined segment in the given sentence.

The dacoit was shot from up close by the police officer.
Ans
X 1. Milksop
$\times 2$. Smell a rat
3. Point blank

X4. Bullet proof
Q. 35 Choose the correct meaning of the underlined idiom in the given sentence. The accident site had become a bear garden by afternoon.
Ans

1. A place of noise and disturbance
2. A peaceful place
3. A soothing environment
4. Unclean and dirty
Q. 36 Select the most appropriate ANTONYM of the given word.

Sordid
Ans

1. Honourable
$\times 2$. Censurable
$\times$ 3. Shameful
$\times 4$. Excellent
Q. 37 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. He was enough tall / to be admitted / into the armed forces
Ans
$\times 1$. into the armed forces
$\times 2$. to be admitted
2. No error
3. He was enough tall
Q. 38 Select the option that can be used as a one-word substitute for the given group of words.
The arrangement of events or dates in the order of their occurrence
Ans
4. Chronology
$\times 2$. Axiom
5. Serially
6. Docket
Q. 39 Select the most appropriate ANTONYM of the underlined word.

Sukhen always seeks to capitalise on opportunities.
Ans
<1. dismantle
X 2. destroy
3. forfeit
$\times 4$. seize
Q. 40 Select the INCORRECTLY spelt word

Ans
$\times 1$. Washing
2. Waiting
3. Dieing
4. Seeing

## Comprehension:

Read the passage carefully and answer the questions that follow.
India's favourable demographic trends, which have increased the workforce's percentage of the overall population, have paved the way for a significant middle-class expansion. A big population bulge emerging from absolute poverty and set to reach the middle class would generate new dynamics. In India, over 55 per cent of the population is predicted to reach the middle class. In reality, because India's demographics are significantly younger than China and the United States, the country's middle class might be the world's largest (in terms of population) by 2025 .
It is no exaggeration to argue that future growth will be reliant on the increasing middle class, and that the middle class's development will be reliant on growth. Growth has been fuelled by both private consumption and saving, both of which are fuelled by the middle class. India's private consumption accounts for over 60\% of the country's GDP, while private consumption growth has contributed for $70 \%$ of the country's growth since 2000.
Despite the fact that China's middle class is now greater than India's, private spending in the former accounts for a lesser share of growth. In contrast to the United States, where domestic savings are dropping and the country borrows excess funds from outside to invest and expand, India's domestic savings and investments are increasing and funding investments. The emergence of the middle class is anticipated to coincide with a transition away from large-scale informality, which now characterises much of the services and industrial sectors, and toward more formal, wage-earning, and medium-scale firms. Technological advancements will spread at a faster rate. Cities will expand as job possibilities concentrate on them. If there is enough movement across states and from rural to urban regions, the population increase will be more evenly distributed.

SubQuestion No: 41

## Q. 41 Select the most suitable title for the given passage.

Ans
X 1. Middle Class and Economic Growth
X 2. Dropping Domestic Savings in the USA
X 3. Favourable Demographic Trends in India

- 4. Rise of the Middle Class in India


## Comprehension:

Read the passage carefully and answer the questions that follow.
India's favourable demographic trends, which have increased the workforce's percentage of the overall population, have paved the way for a significant middle-class expansion. A big population bulge emerging from absolute poverty and set to reach the middle class would generate new dynamics. In India, over 55 per cent of the population is predicted to reach the middle class. In reality, because India's demographics are significantly younger than China and the United States, the country's middle class might be the world's largest (in terms of population) by 2025 .
It is no exaggeration to argue that future growth will be reliant on the increasing middle class, and that the middle class's development will be reliant on growth. Growth has been fuelled by both private consumption and saving, both of which are fuelled by the middle class. India's private consumption accounts for over $60 \%$ of the country's GDP, while private consumption growth has contributed for 70\% of the country's growth since 2000.
Despite the fact that China's middle class is now greater than India's, private spending in the former accounts for a lesser share of growth. In contrast to the United States, where domestic savings are dropping and the country borrows excess funds from outside to invest and expand, India's domestic savings and investments are increasing and funding investments. The emergence of the middle class is anticipated to coincide with a transition away from large-scale informality, which now characterises much of the services and industrial sectors, and toward more formal, wage-earning, and medium-scale firms. Technological advancements will spread at a faster rate. Cities will expand as job possibilities concentrate on them. If there is enough movement across states and from rural to urban regions, the population increase will be more evenly distributed.

SubQuestion No: 42
Q. 42 Which of the following options has contributed to the expansion of the middle class?

Ans
X 1. Evenly distributed economic opportunities
X 2. Increased private consumption
3. Increased workforce percentage
4. Increased foreign investment

## Comprehension:

Read the passage carefully and answer the questions that follow.
India's favourable demographic trends, which have increased the workforce's percentage of the overall population, have paved the way for a significant middle-class expansion. A big population bulge emerging from absolute poverty and set to reach the middle class would generate new dynamics. In India, over 55 per cent of the population is predicted to reach the middle class. In reality, because India's demographics are significantly younger than China and the United States, the country's middle class might be the world's largest (in terms of population) by 2025 .
It is no exaggeration to argue that future growth will be reliant on the increasing middle class, and that the middle class's development will be reliant on growth. Growth has been fuelled by both private consumption and saving, both of which are fuelled by the middle class. India's private consumption accounts for over 60\% of the country's GDP, while private consumption growth has contributed for 70\% of the country's growth since 2000.
Despite the fact that China's middle class is now greater than India's, private spending in the former accounts for a lesser share of growth. In contrast to the United States, where domestic savings are dropping and the country borrows excess funds from outside to invest and expand, India's domestic savings and investments are increasing and funding investments. The emergence of the middle class is anticipated to coincide with a transition away from large-scale informality, which now characterises much of the services and industrial sectors, and toward more formal, wage-earning, and medium-scale firms. Technological advancements will spread at a faster rate. Cities will expand as job possibilities concentrate on them. If there is enough movement across states and from rural to urban regions, the population increase will be more evenly distributed.

SubQuestion No: 43

## Q. 43 Which of the following statements in the light of the given passage is FALSE?

Ans $\times 1$. Future economic growth will be reliant on middle class and middle class's development will be dependent on economic growth.
2. China's middle class is currently smaller than India's middle class.
3. India's middle class will be significantly larger and younger than other countries, like China.
4. A huge population is expected to escape poverty and reach the middle class.

## Comprehension:

Read the passage carefully and answer the questions that follow.
India's favourable demographic trends, which have increased the workforce's percentage of the overall population, have paved the way for a significant middle-class expansion. A big population bulge emerging from absolute poverty and set to reach the middle class would generate new dynamics. In India, over 55 per cent of the population is predicted to reach the middle class. In reality, because India's demographics are significantly younger than China and the United States, the country's middle class might be the world's largest (in terms of population) by 2025 .
It is no exaggeration to argue that future growth will be reliant on the increasing middle class, and that the middle class's development will be reliant on growth. Growth has been fuelled by both private consumption and saving, both of which are fuelled by the middle class. India's private consumption accounts for over $60 \%$ of the country's GDP, while private consumption growth has contributed for 70\% of the country's growth since 2000.
Despite the fact that China's middle class is now greater than India's, private spending in the former accounts for a lesser share of growth. In contrast to the United States, where domestic savings are dropping and the country borrows excess funds from outside to invest and expand, India's domestic savings and investments are increasing and funding investments. The emergence of the middle class is anticipated to coincide with a transition away from large-scale informality, which now characterises much of the services and industrial sectors, and toward more formal, wage-earning, and medium-scale firms. Technological advancements will spread at a faster rate. Cities will expand as job possibilities concentrate on them. If there is enough movement across states and from rural to urban regions, the population increase will be more evenly distributed.

SubQuestion No : 44

## Q. 44 What is the tone of the passage?

Ans
X1. Critical
2. Objective
$\times$ 3. Subjective
$\times 4$. Didactic

## Comprehension:

Read the passage carefully and answer the questions that follow.
India's favourable demographic trends, which have increased the workforce's percentage of the overall population, have paved the way for a significant middle-class expansion. A big population bulge emerging from absolute poverty and set to reach the middle class would generate new dynamics. In India, over 55 per cent of the population is predicted to reach the middle class. In reality, because India's demographics are significantly younger than China and the United States, the country's middle class might be the world's largest (in terms of population) by 2025 .
It is no exaggeration to argue that future growth will be reliant on the increasing middle class, and that the middle class's development will be reliant on growth. Growth has been fuelled by both private consumption and saving, both of which are fuelled by the middle class. India's private consumption accounts for over $60 \%$ of the country's GDP, while private consumption growth has contributed for $70 \%$ of the country's growth since 2000.
Despite the fact that China's middle class is now greater than India's, private spending in the former accounts for a lesser share of growth. In contrast to the United States, where domestic savings are dropping and the country borrows excess funds from outside to invest and expand, India's domestic savings and investments are increasing and funding investments. The emergence of the middle class is anticipated to coincide with a transition away from large-scale informality, which now characterises much of the services and industrial sectors, and toward more formal, wage-earning, and medium-scale firms. Technological
advancements will spread at a faster rate. Cities will expand as job possibilities concentrate on them. If there is enough movement across states and from rural to urban regions, the population increase will be more evenly distributed.

## SubQuestion No : 45

## Q. 45 Select the most appropriate ANTONYM of the given word.

## Coincide

Ans

1. Differ
$\times 2$. Agree
$\times$ 3. Confuse
X4. Detest

## 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.
Challenges are (1) $\qquad$ that knock on our door. It may sound difficult to
2) the obstacles in our career but challenges are rewarding. If there were no challenges there would have been no (3) $\qquad$ on this planet. Every challenge poses
as an opportunity for those who like to put their (4) $\qquad$ to the fullest utilisation.
Knowledge and (5) $\qquad$ is the key to overcome challenges.

SubQuestion No : 46
Q. 46 Select the most appropriate option to fill in blank number 1.

Ans

1. problems
2. opportunities
$\times 3$. fear
X 4. trouble

## 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.
Challenges are (1) $\qquad$ that knock on our door. It may sound difficult to
(2) $\qquad$ the obstacles in our career but challenges are rewarding. If there were no as an opportunity for those who like to put their (4) $\qquad$ this planet. Every challenge poses
$\qquad$ to the fullest utilisation.
Knowledge and (5) $\qquad$ is the key to overcome challenges.

SubQuestion No: 47
Q. 47 Select the most appropriate option to fill in blank number 2.

Ans
$\times 1$. solve
$\times 2$. forego
3. overcome
$\times 4$. meet

## 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.
Challenges are (1) $\qquad$ that knock on our door. It may sound difficult to
(2) $\square$ es in our career but chal were no challenges there would have been no (3) $\qquad$ on this planet. Every challenge poses as an opportunity for those who like to put their (4) $\qquad$ to the fullest utilisation.
Knowledge and (5) $\qquad$ is the key to overcome challenges.

SubQuestion No : 48
Q. 48 Select the most appropriate option to fill in blank number 3.

Ans
$\times 1$. science
2. invention
$\times 3$. scientists
$X 4$. requirement

## 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.
Challenges are (1) $\qquad$ that knock on our door. It may sound difficult to
(2) the obstacles in our career but challenges are rewarding. If there were no challenges there would have been no (3) $\qquad$ on this planet. Every challenge poses
as an opportunity for those who like to put their (4) $\qquad$ to the fullest utilisation.
Knowledge and (5) $\qquad$ is the key to overcome challenges.

SubQuestion No : 49
Q. 49 Select the most appropriate option to fill in blank number 4.

Ans
$\times 1$. job
2. potential
$\times 3$. work
X4. time

## 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.
Challenges are (1) that knock on our door. It may sound difficult to
(2) $\square$ the obstacles in our career but challenges are rewarding If challenges there would have been no (3) $\qquad$ as an opportunity for those who like to put their (4) $\qquad$ on this planet. Every challenge poses Knowledge and (5) $\qquad$ is the key to overcome challenges.

SubQuestion No : 50
Q. 50 Select the most appropriate option to fill in blank number 5.

Ans
(1. time
2. gadget

X 3. confidentiality
4. patience


[^0]:    Q. 5 Two trains 121 m and 99 m in length, respectively, are running in opposite directions, one at a speed of $40 \mathrm{~km} / \mathrm{h}$ and the other at a speed of $32 \mathrm{~km} / \mathrm{h}$. In what time will they be completely clear of each other from the moment they meet?
    Ans

    1. 11 sec
    2. 12 sec
    3. 13 sec
    4. 10 sec
