## SI in CAPFs, ASI in CISF and SI in Delhi Police Examination-2019 (Paper-

I)

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Exam Venue |  |
| Exam Date | 11/12/2019 |
| Exam Time | 2:00 PM - 4:00 PM |
| Subject | SI CPO Examination 2019 |

Section: General Intelligence and Reasoning
Q. 1 If + means -, - means $\times, \times$ means $\div$, and $\div$ means + , then what will be the value of following expression?
$12-3+15 \times 5 \div 6=?$
Ans

- 1.39
>2. 33
$\$$

3. 42
<4.40
Q. 2 Select the letter that can replace the question mark (?) in the following series.

K, I, G, E, C, ?
Ans
X1. Z
> ${ }^{2}$. .

- $3 . A$
<4.D
Q. 3 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. 4 Rishabh starts walking towards west. After walking 70 m he turns to left and walks 35 m straight. He turns left again and walks 30 m , again he turns to the left and walks a distance of 35 m . How far is he from the starting point?
Ans
$X 1.60 \mathrm{~m}$
$\times$
2. 100 m

X 3.70 m4. 40 m
Q. 5 Select the figure that can replace the question mark (?) in the following series.


Ans

> 2

$=$
$\checkmark 4$.

Q. 6 Select the option that is related to the third term in the same way as the second term is related to the first term.

Field : Farmer :: Observatory : ?
Ans
<1. Stars2. Astronomer3. Telescope
4. Astronaut
Q. 7 Which of the options is the exact mirror image of the given figure when the mirror is held at the right side?


Ans
<1

$\bullet 2$.

> 3.

$>4$.

Q. 8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

1.Some dancers are singers.
2. No singer is an actor.

Conclusions:
I. Some actors are singers.
II. All singers are dancers.

1．Either conclusion I or II follows
$>$
2．Only conclusion I follows3．Only conclusion II follows
4．Neither conclusion I nor II follows

Q． 9 Which of the options is the exact mirror image of the given figure when the mirror is held at the right side？

## jsVR72k59moPG

Ans
ƏЧomQでオSГタVai




Q． 10 Study the given pattern carefully and select the number that can replace the question mark（？）in it．

| 4 | 18 | 23 |
| :--- | :--- | :--- |
| 19 | 330 | $?$ |
| 3 | 6 | 1 |

Ans
X1． 350
2． 530
$\times 3.550$
$\times 4.529$

Q． 11 Four words have been given out of which three are alike in some manner，while one is different．Choose the odd one．
Ans
1．Thesaurus
X 2．Encyclopaedia
＜3．Dictionary
－4．Book

Q． 12 If in a certain code，HORSE is written as GINPQSRTDF，How will JOCKEY be written in that language？
Ans
Q. 13 In a certain code language, GOURD is written as 21-4-5-10-24. How will BRINJAL be written in the same code language?
Ans
< 1. 25-9-3-14-18-1-15
X 2. 26-10-5-14-18-2-16
3. 26-10-3-14-18-1-164. 2-10-3-14-18-1-12
Q. 14 Select the option in which the number set shares the same relationship as that shared by the given number set.
(101, 106, 131)
Ans
> 1. $(419,424,437)$
7
2. $(29,34,39)$

- 3 . $(123,128,153)$

X4. $(170,202,137)$
Q. 15 Select the letter-cluster that can replace the question mark (?) in the following series.

TXB, QWE, NVH, KUK, ?
Ans
<1.ITM

- 2. HTN

Х3. JTM
X4. HSN
Q. 16 In the given Venn diagram, the triangle represents politicians, the circle represents lawyers, the rectangle represents teachers and the square represents businessmen. The numbers given in the diagram represent the number of persons of that particular category.


How many lawyers are also teachers, but are neither politicians nor businessmen?
Ans
-1. 18
$\times 2$
2. 10
X. 12
Q. 17 Select the correct combination of mathematical signs to replace * signs and to balance the following equation.
$(9$ * 8 * 7 ) * 13 * 5
Ans
-1. $\times,-\div=$
<2. $\div--,=, x$
( $3 . \times,=, \div,-$
14. $_{-\rightarrow, \div, \times} \div$
Q. 18 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:
"On October 2, let us pledge to make the country free of single-use plastic."- Prime
Minister of India
Conclusions:
I.All Indians should reduce and then completely eliminate the consumption of singleuse plastic like packaged drinking water
II.India is going to be completely plastic free on October 2

Ans
X 1 . Only conclusion II follows

- 2. Only conclusion I follows

3. Neither conclusion I nor II follows

Х 4. Both conclusions I and II follow
Q. 19 Which two signs need to be interchanged to make the following equation correct?
$32-8 \div 4+5 \times 6=30$
Ans
>1. $\times$ and $\div$
$>2$
2. $\div$ and +
v. $\div$ and -
<4. $\times$ and +
Q. 20 Select the Venn diagram that best represents the relationship between the following classes.

Star, Sun, Polaris
Ans
$\checkmark$

$x^{3}$

$x$

Q. 21 How many triangles are present in the given figure?


Ans
-1. 27
$\times 2.26$
X 3.17
X4. 28
Q. 22 Arrange the following words in the order in which they appear in an English dictionary.

## 1. Piquant

2. Pierce
3. Patent
4. Perjury
5. Pasture

Ans
入1.5,3, 4, 1, 2
<2.3, 4, 5, 1, 2
v 3 . $5,3,4,2,1$
<4.3,5, 4, 1, 2
Q. 23 From the given options, select the figure which is embedded in the following figure (rotation is NOT allowed).


Ans

$\times 4$.

Q. 24 Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

19 : 23 :: 11 : 13 :: 7 :?
Ans
>1.3
>2.9
>3.5

- 4.11
Q. 25 Select the option that is related to the third number in the same way as the second number is related to the first number.

428 : 717 :: 236 : ?
Ans< 3.713
4. 339
Q. 26 Mayank started driving from his office to the hotel. He drove 10 km towards north. From there, he turned right and drove 8 km . Then, he turned right and drove 6 km . Again, he turned right and drove 5 km and reached his hotel.
What is the shortest distance from the office to his hotel?
Ans
> 1.6 km
$\checkmark 2$
2. 5 km

Х 3.9 km4. 2 km
Q. 27 Select the option that is related to the third term in the same way as the second term is related to the first term.

NEEDLE : MFDEKF :: BUCKET : ?
Ans
>1.AVBLDS
入 2. CVDLFS

* 3. AVBLDU

入4. cVBLDU
Q. 28 From the given options, select the figure which is embedded in the following figure (rotation is NOT allowed).


Ans


Q. 29 Select the number that can replace the question mark (?) in the following series.

1, 11, 35, 79, ?, 251
Ans
>1. 152
$\$$
2. 150
13. 1494. 105
Q. 30 Select the option in which the words share the same relationship as that shared by the given pair of words.

Touch : Push
Ans

1. Speak: Shout2. Eat: Drink
2. Refuse : Accept
3. Run : Walk
Q. 31 Select the number that can replace the question mark (?) in the following series.
$40,44,22,26,13, ?$
Ans

>2. 20
X 3.16
X
4. 22
Q. 32 Four groups of numbers have been given, out of which three are alike in some manner and one is different. Select the group that is different.

Х $2.426: 642: 246$
Х $3.289: 829: 928$
4. $632: 325: 236$
Q. 33 'Needle' is related to 'Sew' in the same way as 'Microscope' is related to ' $\qquad$ ,
Ans
<1. Science2. Lens

X 3. Laboratory
4. Magnify
Q. 34 Which of the given options would be a meaningful ascending order of the following words?
1.Star
2.Satellite
3.Galaxy
4.Planet
5.Universe

Ans

- $1.5,3,1,4,2$
<2. 2, 1, 5, 3, 4
X $3,5,1,3,2,4$
$>$

4. $3,1,5,2,4$
Q. 35 Select the option that is related to the fourth term in the same way as the first term is related to the second term.

ULJ : POO :: ? : KRT
Ans


- 2. PIO
\3. PIY
X4.FMO
Q. 36 Four groups of numbers have been given, out of which three are alike in some manner and one is different. Select the group that is different.
Ans
(1.12:72:144

Х 2. 26:156:312
Х 3 .17:102:204
4. $14: 90: 180$
Q. 37 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers

56-63
Ans
X1.28-39
X 2. 154-171

- 3 . 104-117

X4.134-153
Q. 38 Four numbers have been given out of which three are alike in some manner, while one is different. Choose the odd one.

Ans


- 2.25
< 3.33
< 4.24
Q. 39 Select the number that can replace the question mark (?) in the following series.

105, 107, 103, ?, 101, 111
Ans
> 1.113
2. 109

7
3. 974. 102
Q. 40 Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

Ans

1. Orange2. Apple3. Rose4. Melon
Q. 41


Ans
-1. \#
X2. \$
Х $3 . \%$
X4.@
Q. 42 Select the Venn diagram that best represents the relationship between the following classes.

Males, Fathers, Accountants
Ans

$\otimes 2$

$>3$

Q. 43 Select the figure that can replace the question mark (?) in the following series.


Ans

Q. 44 Four pairs of letter-cluster have been given out of which three are alike in some manner, while one is different. Choose the odd one.

Ans
X 1. DFL-USM
$>$
2. IKN - PNK3. GJB - ROW
4. EFR - VUI
Q. 45 Four letter-cluster have been given out of which three are alike in some manner, while one is different. Choose the odd one.
Ans
2. NOQST

X 3. QSUWY4. EGIKM
Q. 46 If $W=46$, BAT $=46$, then 'LAMB' will be equal to:

Ans

- 1.56
>2. 54
> 3.284. 52
Q. 47 Select the option in which the words share the same relationship as that shared by the given pair of words.

Players: Team
Ans

- 1. Flowers : Bouquet

2. Grapes: Dozen
3. Band: Musician

入4. Class : Students
Q. 48 Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the one that is different.
Ans
2. $25-36$

Х3.16-49

4. $48-81$
Q. 49 In a certain code language, pink is called wood, wood is called Pen, Pen is called colour and colour is called brown. In this language, which of the following is used for writing?
Ans $\square$
.
2. Pink
3. Brown
Q. 50 Select the figure that can replace the question mark (?) in the following series.


Ans


## Section: General Knowledge and General Awareness

## Q. 1 Who used the pseudonym 'Bhanusingha'?

Ans

1. Rabindranath Tagore
2. Sunil Gangopadhya3. Michael Madhusudan Dutt
3. Bankim Chandra Chattopadhya

Х 1. Don Bradman2. Wally Hammond
3. Virat Kohli
(4. Ricky Ponting
Q. 3 Which among the following regarding GST is correct?

Ans

1. Centre holds 100 per cent stake in GST network

- 2. GST network was formed under Companies Act

X 3. The 100th Amendment introduced GST in the country
\$4. GST council is a statutory body
Q. 4 Which of the following activities is also referred to as 'Gold Collar' profession?

Ans
<1. Secondary
$>$
2. Primary

Х 3. Quaternary4. Quinary
Q. 5 Twin paradox is associated with:

Ans
X 1. quantum mechanics2. hydrodynamics3. the theory of relativity
(4. particle physics
Q. 6 Under which Article of the Constitution of India can the President promulgate an ordinance?
Ans
X 1. Article 1682. Article 123

7
3. Article 1014. Article 75
Q. 7 Which among the following combination is present in higher amount in hard water?

Ans

- 1. Calcium and magnesium2. Calcium and sodium

3. Sodium and manganese4. Sodium and magnesium
Q. 8 The famous mathematician Srinivasa Ramanujan was born in:

Ans


Х 2. Kumbakonam
Х 3. Madras (now Chennai)4. Namakkal
Q. 9 At the location of which city in Assam, the river Brahmaputra goes south bound breaking away from its westward course and enters into Bangladesh?

Ans
(1. Tezpur
$>$
2. Barpeta3. Dhubri
<4. Bongaigaon
Q. 10 Which among the following is the confluence of Alaknanda and Mandakini?

Ans
X1. Vishnuprayag

- 2. Rudraprayag

入3. Devprayag
(4. Nandprayag
Q. 11 Which of the following is NOT an official language of the United Nations?

Ans
X1. Chinese
$\$$
2. Arabic3. English4. Japanese
Q. 12 Which Indian was awarded the Chiratae Ventures' Patrick J. McGovern Lifetime Achievement Award 2019?

Ans

- 1. Ratan Tata2. Narayan Murthy3. Shiv Nadar
< 4. Uday Kotak


## Q. 13 In the context of NITI Aayog, what does 'T' stand for in NITI?

Ans
<1. Training
7
2. Travelling3. Transforming
4. Transferring
Q. 14 Baily's beads can be observed during a/an:

Ans

1. occultation of Jupiter

- 2. total solar eclipse

Х 3. partial solar eclipse
X4. lunar eclipse
Q. 15 In which year was the World Trade Organization established?

Ans
2. 1995

X 3.1942
< 4.1947
Q. 16 Which among the following has its latitude within one degree of that New Delhi?

Ans

1. City of Dhaka

X 2. Amarnath Cave3. City of Islamabad

- 4. Mount Everest
Q. 17 With reference to the High Courts and their seats, which of the following pairs is correctly matched?
Ans

1. Madhya Pradesh - Gwalior2. Uttarakhand - Nainital
2. Odisha - Sambalpur
$>$
3. Gujarat - Gandhinagar
Q. 18 Who holds the record of scoring the fastest goal (in the eleventh second) in a FIFA World Cup match?

Ans
<1. Pele
$\$$
2. Cristiano Ronaldo3. Hakan Sukur

X 4. Kylian Mbappe
Q. 19 Which among the following is responsible for the rotation of the plane of oscillation of Foucault's pendulum?
Ans

- 1. Coriolis force

Х 2. Centrifugal force
X 3. Centripetal force
$>$
4. Viscous drag of air
Q. 20 What was the party affiliation of EMS Namboodiripad?

Ans
>1. CPI
$>$
2. SUCI

- 3. $\mathrm{CPI}(\mathrm{M})$
$>$

4. Kerala Congress
Q. 21 Who among the following received the Sahitya Akademi Award in $1968 ?$

Ans

- 1. Harivansh Rai Bachchan
< 2. Kaifi Azmi3. Amrita Pritam
< 4. Buddhadeb Basu
Q. 22 Who is the first woman to have been awarded the Yudh Seva Medal?

Ans

- 1. Minty Agarwal
< 2. Shaliza Dhami
X

3. Aparna Kumar
4. Bhawana Kanth
Q. 23 The name of which disease among the following means 'evil influence of the stars'?
>1. Typhoid
X 2. Cholera

- 3. Influenza
(4. Plague
Q. 24 'Powa Mecca' in Assam is the tomb of $\qquad$ -.
Ans

1. Shujauddin Mohammed Shah

- 2. Pir Giasuddin Auliya

Х 3. Sheikh Salim Chisti
$>$
4. Khwaja Bande Nawaz
Q. 25 Which one of the following states is the largest producer of pulses in India?

Ans

- 1. Madhya Pradesh2. Haryana3. Bihar
$>$

4. Uttarakhand
Q. 26 How many times has India won the ICC U-19 World Cup?

Ans
2. Three3. Two
4. Four
Q. 27 During the freedom struggle, who was the only President of Indian National Congress who resigned from the presidency even after being elected?
Ans

1. Nellie Sengupta2. Jawaharlal Nehru
2. JB Kripalini
3. Subhash Chandra Bose
Q. 28 Where in India is the first indigenously built atomic power plant located?

Ans1. Kalpakkam2. Tarapur

入 3. Kota4. Trombay
Q. 29 The birth place of Subhash Chandra Bose is:

Ans
<1. Patna
2. Kolkata3. Cuttack4. Hazaribagh
Q. 30 Gnana Saraswati temple of southern India is located at:

Ans1. Tirunelvel2. Thrissur
3. Basar4. Puducherry
Q. 31 What is the maximum amount of loan permissible under Pradhan Mantri MUDRA Yojana?

Ans
(1. ₹12 lakhs

X
2. ₹5 lakhs3. ₹3 lakhs
4. ₹ 10 lakhs
Q. 32 Which among the following is a copper mineral?

Ans

- 1. azurite
(2. bauxite
< 3. halite4. hematite
Q. 33 Sapphire and ruby are varieties of natural:

Ans
Х 1. aluminium sulphide
2. aluminium hydroxide3. aluminium oxide4. aluminium carbonate
Q. 34 Under which Five Year Plan, the steel plants of Rourkela, Bhilai and Durgapur were established?
Ans
-1. Second
< 2. Seventh
( 3. Third
$>$
4. Fourth
Q. 35 In which year was the battle of Buxar fought?

Ans
X1. 1765
$\$$
2. 17583. 1764

X4. 1757
Q. 36 In February 2019, India signed a letter of intent with $\qquad$ to fight marine pollution.
Ans
X 1. Cambodia
$\checkmark$
2. Norway3. Denmark
<4. Bhutan
Q. 37 Which among the following political parties was a part of NDA during the 2019 general elections?
Ans
X1.DMK

- 2. LJP
$\star$

3. RJD
<4. AITC
Q. 38 Rajwada palace (Cultural Heritage Project) is located at:

Ans
入1. Jabalpur

- 2. Indore

X 3. Mandu
入4. Ujjain
Q. 39 The temple at Lepakshi famous for its hanging pillars and constructed in Vijayanagara style is also called $\qquad$ temple.

Ans
(1. Mahalakshmi
$>$
2. Mahakaal3. Murugan
4. Veerabhadra
Q. 40 Who, before going to the gallows, had expressed his desire for keeping his ashes intact till India is reunited and throwing them into the Indus after the reunification has been achieved?
Ans

1. Nathuram Godse2. Bhagat Singh3. Surya Sen4. Uddham Singh
Q. 41 Where was the venue of US Open Tennis Championship before it shifted to the Flushing Meadows?
Ans


X 2. Lexington
3. Woodmond Hills4. Plaza District
Q. 42 The famous physician Jeevaka was appointed by the court of:

Ans
< 1. Samudragupta2. Ashoka3. Krishnadeva Raya
4. Bimbisara
Q. 43 Jagannath Mishra was the three-time Chief Minister of the state of $\qquad$ .

Ans

- 1. Bihar2. Uttar Pradesh
<3. Odisha
<4. Haryana
Q. 44 Hirakud dam is built across the river:

Ans

- 1. Mahanadi

Х 2. Godavari
X 3. Betwa4. Krishna
Q. 45 As per the India State of Forest Report 2017, which of the following states has the maximum percentage of forest cover in relation to its area?

Ans

1. Mizoram
< 2. Assam3. Odisha
2. Maharashtra
Q. 46 Which one of the following diseases is caused mainly by the deficiency of Vitamin $\mathbf{C}$ ?

Ans1. Kwashiorkor
2. Scurvy
$\star$
3. Rickets4. Goitre
Q. 47 The part of the eye which is responsible for the conversion of image of an object into neural signals is:

Ans

1. retina2. optic nerve3. iris

X
4. vitreous humour
Q. 48 Which of the following films is set in the backdrop of the India-China War of 1962?

Ans

- 1. Haqeeqat2. Hazaaron Khwaishein Aisi3. Aakrosh

4. Roja
Q. 49 Who is the author of 'Swami Vivekananda in the West: New Discoveries'?

Ans

- 2. Marie Louise Burke

Х 3. Swami Ranganathananda
7
4. Romain Rolland
Q. 50 What is the full form of NPCI which is an umbrella organisation for all retail payments system in India?
Ans

- 1. National Payments Corporation of India

2 2. Net Payments Company Inc.
Х 3. Non-cash Payments Corporation of India
Х4. Non-cash Payments Cooperative Inc.

Section : Quantitative Aptitude
Q. 1 The value of $\sqrt{11+2 \sqrt{18}}$ is closest to:

Ans $\quad \boldsymbol{X} 1.4 .8$
$\times 2.3 .8$
X 3.4 .1

- 4.4 .4
Q. 2 When a certain number is divided by 65 , the remainder is 56 . When the same number is divided by 13 , the remainder is $x$. What is the value of $\sqrt{5 x-2}$ ?
Ans
X 1. $\sqrt{13}$
X2. $2 \sqrt{2}$
- 3. $3 \sqrt{2}$

X4. $2 \sqrt{7}$
Q. 3 Working 7 hours a day, 18 persons can complete a certain work in 32 days. In how many days would 14 persons complete the same work, working 8 hours a day?

Ans
$\times 1.35$
X 2.42
$\times 3.30$

- 4.36
Q. 4 In a school, $60 \%$ of the number of students are boys and the rest are girls. If $20 \%$ of the number of boys failed and $65 \%$ of the number of girls passed the examination, then the percentage of the total number of students who passed is:

Ans
$\times 1.78$

- 2. 74
$\times 3.72$
X4.68
Q. 5 A 22 m long ladder (whose foot is on the ground) leans against a wall making an angle of $60^{\circ}$ with the wall. What is the height (in m ) of the point where the ladder touches the wall from the ground?
Ans
X1. $11 \sqrt{2}$
X2. $11 \sqrt{3}$
$\times 3$

3. $\frac{22 \sqrt{2}}{3}$

- 4.11
Q. 6 A sum (in $₹$ ) is distributed between $A, B$ and $C$ in the ratio $9: 6: 11$. If A gives $₹ 500$ from his share to $C$, the ratio of shares of $\mathrm{A}, \mathrm{B}$ and C becomes $4: 3: 6$. What is the sum of shares (in $₹$ ) of B and C , in the beginning?
Ans 1. ₹ 8,500
X 2. ₹ 7,800
X 3. ₹ 9,100
X4. ₹ 7,500
Q. 7 The average of $n$ observations is 40. If one observation of value 80 is added, then the average of all the observations is 41 . What is the value of $n$ ?

Ans
X1. 40

- 2. 39
$\times 3.43$
X4.38


In how many years was the number of trees planted in state B more than the average number of trees planted in state A over the years?

Ans
$\times 1.1$
$\times 2.4$
$\times 3.2$

- 4.3
Q. 9 A trader buys an article at $80 \%$ of its marked price and sells it at $10 \%$ discount on its marked price. His percentage profit is:
Ans
$\times 1.10$
X $2.10 \frac{1}{2}$
$\times 3.15$

4. $12 \frac{1}{2}$
Q. 10 If $x$ and $y$ are real numbers, then the least possible value of $4(x-2)^{2}+(y-3)^{2}-2(x-3)^{2}$ is:

Ans

$\times 2.3$
$\times 3.1$
X4. -8
Q. 11 The average weight of the boys in a class is 69.3 kg and that of the girls in the same class is 59.4 kg . If the average weight of all the boys and girls in the class is 63.8 kg , then the percentage of the number of boys in the class is:

Ans

1. $55 \frac{5}{9}$

Х 2.403. 45
4. $44 \frac{4}{9}$

A invests ₹ $6,00,000$ more than B in a business. B invests his capital for $7 \frac{1}{2}$ months, while A invests his capital for $2 \frac{1}{2}$
more months than B.
Out of the total profit of $₹ 12,40,000$, if the share of B is $₹ 2,48,000$ less than the share of A, then the capital of B is:
Ans

1. ₹ $40,00,000$

X 2. ₹ $45,00,000$

- 3. ₹ $48,00,000$

X4. ₹ $42,00,000$
Q. 13 Study the pie chart and answer the question.

Distribution (degree wise) of the number of computers sold by a shopkeeper during five months

Total Number of Computers Sold $\mathbf{= 5 4 0 0}$


If the difference between the number of computers sold in March and the number of computers sold in January is $x$, then $x$ lies between:
Ans

1. 200 and 250

X2. 150 and 200
X 3. 250 and 300
X4. 300 and 350
Q. 14 Pipes A and B can fill a tank in 36 hours and 48 hours, respectively. Both pipes are opened together for 9 hours and then A is closed. Pipe $B$ alone will fill the remaining part of the tank now in:
Ans

$$
\text { 1. } 20 \frac{1}{2} \text { hours }
$$

$>2$
2. 25 hours
3. 27 hours4. 24 hours
Q. 15 Study the bar graph and answer the question.


The ratio of the number of neon lamps having a life of 900 hours or more to the number of lamps having life less than 700 hours is:
Ans
X 1. 6:7

- 2. $8: 9$

X 3.7:8
X4.25:21
Q. 16 An article is marked at $100 \%$ above its cost price. After allowing two successive discounts of $5 \%$ and $20 \%$ respectively on the marked price, it is sold at $x \%$ profit. What is the value of $x$ ?
Ans
-1. 52
$\times 2.75$
$\times 3.48$
$\times 4.72$
Q. 17 A person invested a sum of $₹ 10,500$ at $x \%$ per annum at simple interest and a sum of $₹ 13,500$ at $(x+2) \%$ p.a. at simple interest. If the total interest earned on both the investments for 3 years is ₹ 7,650 , then the rate of interest on the first investment is:
Ans

- 1. $9.5 \%$

X 2. $8.5 \%$
X 3. $9 \%$
X4.8\%
Q. 18 If $A$ is $48 \%$ more than $B$ and $C$ is $60 \%$ less than the sum of $A$ and $B$, then $A$ is what percentage more than $C$ ? (Correct to one decimal place.)

Ans

1. 49.2
$\times 2.50 .2$
$\times 3.49 .8$
$\times 4.50 .8$
Q. 19 Pipes A and B together can fill an empty tank in $6 \frac{2}{3}$ minutes. If A takes 3 minutes more than B to fill the tank, then the time (in minutes) in which A alone would fill one-third part of the tank is:

Ans

1. 5
$\times 2.5 .5$
$\times 3.4 .5$
$\times 4.6$


The total number of trees planted in state B in 2015 and 2017 was what percentage less than the total number of trees planted in state A in 2014, 2016 and 2017? (Your answer should be correct to one decimal place.)
Ans
X 1.19 .8
X 2.20 .13. 21.4

- 4. 20.8
Q. 21 Study the bar graph and answer the question.


The number of neon lamps having a life of 600 hours or more but less than 800 hours is what percentage of the total number of neon lamps having a life of 800 hours or more?
Ans
X 1.69 .25
X 2. 67.50
X 3.66 .67

- 4.68 .75
Q. 22 The total numbers of males and females in a town is 70,000 . If the number of males is increased by $6 \%$ and that of the females is increased by $4 \%$, then the total numbers of males and females in the town would become 73520 . What is the difference between the number of males and females in the town, in the beginning?
Ans
X 1.1800

2. 2000
$\times 3.1400$
X4.1500
Q. 23 The sides of $\triangle A B C$ are $10 \mathrm{~cm}, 10.5 \mathrm{~cm}$ and 14.5 cm . What is the radius of its circumcircle?

Ans
$X 1.7 .5 \mathrm{~cm}$
2. 7.25 cm

X 3.5 cm
$\times 4.5 .25 \mathrm{~cm}$
Q. 24 Let $x$ be the least number divisible by $16,24,30,36$ and 45 , and $x$ is also a perfect square. What is the remainder when $x$ is divided by 123 ?

Ans
X 1.100
2. 33
$\times 3.103$4. 40
Q. 25 A person takes 40 minutes more than his usual time when he covers a distance of 20 km at $5 \mathrm{~km} / \mathrm{h}$. If he covers the same distance at $8 \mathrm{~km} / \mathrm{h}$, he takes $x$ minutes less than the usual time. What is the value of $x$ ?

Ans $\times 1.45$

- 2. 50
$\times 3.48$
X4. 54
Q. 26 In $\triangle \mathrm{ABC}, \angle A=90^{\circ}, \mathrm{AB}=16 \mathrm{~cm}$ and $\mathrm{AC}=12 \mathrm{~cm}$. D is the midpoint of AC and $\mathrm{DE} \perp \mathrm{CB}$ at E . What is the area (in $\mathrm{cm}^{2}$ ) of $\triangle C D E$ ?
Ans
X 1.5 .76
$\times 2.7 .68$
- 3. 8.64

X 4.6 .25
Q. 27 The sides $\mathrm{AB}, \mathrm{BC}$ and AC of a $\triangle \mathrm{ABC}$ are $12 \mathrm{~cm}, 8 \mathrm{~cm}$ and 10 cm respectively. A circle is inscribed in the triangle touching $\mathrm{AB}, \mathrm{BC}$ and AC at $\mathrm{D}, \mathrm{E}$ and F , respectively. The difference between the lengths of AD and CE is:
Ans
$X 1.5 \mathrm{~cm}$
2. 4 cm
$\times 3.3 \mathrm{~cm}$
X 4.2 cm
Q. 28 A person sold a chair at a profit of $13 \%$. Had he sold it for $₹ 607.50$ more, he would have gained $x \%$. If the cost price of the chair is $₹ 3750$, then the value of $x$ is:

Ans
$\times 1.30$
+2. 32
3. 29.2

X 4.28 .4
Q. 29 If $x=5.51, y=5.52$ and $z=5.57$, then what is the value of $x^{3}+y^{3}+z^{3}-3 x y z$ ?

Ans
X 1.51 .46
$\times 2.5 .146$

- 3. 0.05146
$\times 4.0 .5146$
Q. 30 If $\sqrt{x}+\frac{1}{\sqrt{x}}=3, x>0$, then $x^{2}\left(x^{2}-47\right)=$ ?

Ans
X1. -2
X2. 2

- 3.1
$\times 4.0$
Q. 31 Study the bar graph and answer the question.


Percentage decrease in the number of trees planted in 2016 in state A as compared to that in 2015 in the same state was:
Ans

1. $13 \frac{2}{3}$

X2. $15 \frac{5}{13}$
$\times 3.15 \frac{2}{3}$

- $4.13 \frac{1}{3}$

Distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold $=\mathbf{5 4 0 0}$


The total number of computers sold in February and April is what percentage more than the number of computers sold in May? (Your answer should be correct to one decimal place.)
Ans
-1. 28.6
X 2.25 .8
$\times 3.26 .4$4. 30.2
Q. 33 Study the bar graph and answer the question.


The number of neon lamps having a life of 500 hours or more but less than 800 hours is:
Ans
X1. 270
$\times 2.305$

- 3. 225

X4.180
Q. 34 The compound interest amounts on a certain sum at a certain rate percentage p.a. for the second year and third year are $₹ 3,300$ and $₹ 3,630$, respectively. What is the amount of the same sum at the same rate in $2 \frac{1}{2}$ years, interest compounded yearly?

Ans
X 1. ₹ 36,300
X 2. ₹ 37,215
X 3. ₹ 36,000
4. ₹ 38,115
Q. 35 A can do $\frac{2}{5}$ of a work in 12 days while B can do $66 \frac{2}{3} \%$ of the same work in 16 days. They work together for 10 days. B alone will complete the remaining work in:

1. 8 days
2. 6 days

X3. 4 days
X4. 9 days
Q. 36

The value of $\frac{4.669 \times 4.669-9 \times(0.777)^{2}}{(4.669)^{2}+(2.331)^{2}+14(0.667)(2.331)}$ is $(1-k)$, where $k=$ ?
Ans

- 1. 0.666

X 2. 0.647
$\times$ 3. 0.467
X 4.0 .768
Q. 37 As observed from the top of a lighthouse, 45 m high above the sea-level, the angle of depression of a ship, sailing directly towards it, changes from $30^{\circ}$ to $45^{\circ}$. The distance travelled by the ship during the period of observation is: (Your answer should be correct to one decimal place.)
Ans
X 1.36 .9 m

- 2. 32.9 m

X 3.33 .4 m
X 4.24 .8 m
Q. 38

The value of $\frac{\frac{1}{3}+\left[4 \frac{3}{4}-\left(3 \frac{1}{6}-2 \frac{1}{3}\right)\right]}{\left(\frac{1}{5} \text { of } \frac{1}{5} \div \frac{1}{5}\right) \div\left(\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5}\right)}$ lies between:
Ans

1. 4.2 and 4.4

X2. 8.2 and 8.8
X 3.10 .2 and 10.8
X 4. 0.4 and 0.9
Q.39 A solid metallic sphere of radius 6.3 cm is melted and recast into a right circular cone of height 25.2 cm . What is the ratio of the diameter of the base to the height of the cone?

Ans

1. $1: 2$

X 2. $3: 2$
X 3.2:3
X4.2:1
Q. 40 Study the pie chart and answer the question:

Distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold $=\mathbf{5 4 0 0}$


The number of months, in which the number of computers sold was above $20 \%$ of the total number of computers sold in 5 months, was

Ans
X1. 2

- 2.3
$\times 3.1$
$\times 4.4$
Q.41 In finding the HCF of two numbers by division method, the quotients are 1,8 and 2 respectively, and the last divisor is 105 . What is the sum of the numbers?

Ans
X 1. 3885
2. 3780
$\times 3.3675$
X 4. 3570
Q. 42 The value of $9 \times[(9-4) \div\{(8 \div 8$ of 4$)+(4 \div 4$ of 2$)\}]$ is:

Ans
$\times 1 \cdot \frac{15}{4}$2. 20
3. $\frac{15}{2}$
4. 60
Q. 43 The sides of a triangular park are $35 \mathrm{~m}, 53 \mathrm{~m}$ and 66 m . The cost of levelling the park at the rate of $₹ 9.25 / \mathrm{m}^{2}$ is:

Ans
X 1. ₹ 8,510

- 2. ₹ 8,547

X 3. ₹8,621
X 4. ₹ 8,584
Q. 44 The curved surface area of a right circular cone is $156 \pi$ and the radius of its base is 12 cm . What is the volume of the cone, in $\mathrm{cm}^{3}$ ?
Ans
X $1.180 \pi$
$\times 2.192 \pi$
3. $240 \pi$
$\times 4.210 \pi$
Q. 45 Two circles of radii 5 cm and 3 cm intersect each other at $A$ and $B$, and the distance between their centres is 6 cm . The length (in cm ) of the common chord AB is:

Ans
$X 1 . \frac{4 \sqrt{13}}{3}$

- 2. $\frac{4 \sqrt{14}}{3}$3. $\frac{2 \sqrt{13}}{3}$

X4. $\frac{2 \sqrt{14}}{3}$
Q. 46 If $21 \tan \theta=20$, then $(1+\sin \theta+\cos \theta):(1-\sin \theta+\cos \theta)=$ ?

Ans

- 1. $7: 3$

X 2. 2:1
X 3. $3: 1$
X4.5:2
Q. 47 The distance between two places $A$ and $B$ is 14 km . A boat travels from $A$ to $B$ downstream and then returns from $B$ to $A$ upstream and takes a total of 3 hours 44 minutes for the entire journey. If the speed of the current is $2 \mathrm{~km} / \mathrm{h}$, then what is the speed of the boat, in $\mathrm{km} / \mathrm{h}$, in still water?
Ans
$\times 1.7 \frac{1}{2}$
$\times 2.6 \frac{1}{2}$3. 74. 8
Q. 48 A field is in the form of a circle. The cost of fencing around it at $₹ 12$ per metre is $₹ 2,640$. What is the area (in $\mathrm{m}^{2}$ ) of the field?
(Take $\pi=\frac{22}{7}$ )
Ans

1. $1925 \mathrm{~m}^{2}$

X 2. $2772 \mathrm{~m}^{2}$

- 3. $3850 \mathrm{~m}^{2}$

X4. $5544 \mathrm{~m}^{2}$
Q. 49 The ratio of radius of the base and the height of a solid right circular cylinder is $2: 3$. If its volume is $202.125 \mathrm{~cm}^{3}$, then its total surface area is:
(Take $\pi=\frac{22}{7}$ )
Ans

1. $192.5 \mathrm{~cm}^{2}$

X $2.115 .5 \mathrm{~cm}^{2}$
X $3.154 \mathrm{~cm}^{2}$
X $4.168 \mathrm{~cm}^{2}$
Q. 50 If $7 \sin ^{2} \theta+3 \cos ^{2} \theta=4,0^{\circ}<\theta<90^{\circ}$, then the value of $\left(\tan ^{2} 2 \theta+\operatorname{cosec}^{2} 2 \theta\right)$ is:

Ans
X $1 . \frac{15}{4}$
-2. $\frac{13}{3}$3. 7
$\times$
4. $\frac{13}{4}$

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

Ans
X 1 . Connoisseur2. Millennium
3. Manoeuvre
4. Sacrelegious

## Comprehension:

Read the given passage and fill in the blanks with the most appropriate options.

The refugees coming by boat to Italy have already set a record this year. The surge
(1) $\qquad$ partly from the civil war in Syria, which has forced 3 million people to (2)
their homeland. Europe, peaceful, affluent and comparatively close- is a preferred (3) $\qquad$ .
It's where the desperate meets the developed. Often with the aid (4) $\qquad$ reckless human
traffickers, refugees attempt to cross the waters in rubber dinghies that can (5) $\qquad$ —,
plunging the occupants into the sea.
SubQuestion No: 2
Q. 2 Select the most appropriate option to fill in blank No. 1

Ans
1 1 . is resulted

- 2. has resulted
( 3 is resulting

4. have resulted

## Comprehension:

Read the given passage and fill in the blanks with the most appropriate options.
The refugees coming by boat to Italy have already set a record this year. The surge (1) $\qquad$ partly from the civil war in Syria, which has forced 3 million people to (2) their homeland. Europe, peaceful, affluent and comparatively close- is a preferred (3) $\qquad$ It's where the desperate meets the developed. Often with the aid (4) $\qquad$ reckless human
traffickers, refugees attempt to cross the waters in rubber dinghies that can (5) $\qquad$ —, plunging the occupants into the sea.

SubQuestion No: 3
Q. 3 Select the most appropriate option to fill in blank No. 2

Ans

< 2. fleet
( ${ }^{3}$ fly
<4. fled

## Comprehension:

Read the given passage and fill in the blanks with the most appropriate options.
The refugees coming by boat to Italy have already set a record this year. The surge
(1) $\qquad$ partly from the civil war in Syria, which has forced 3 million people to (2) their homeland. Europe, peaceful, affluent and comparatively close- is a preferred (3)
$\qquad$
$\qquad$ It's where the desperate meets the developed. Often with the aid (4) $\qquad$ reckless human traffickers, refugees attempt to cross the waters in rubber dinghies that can (5) $\qquad$ _, plunging the occupants into the sea.

SubQuestion No: 4
Q. 4 Select the most appropriate option to fill in blank No. 3

Ans
< 1. objective
2. destination
3. target
<4. purpose

## Comprehension:

Read the given passage and fill in the blanks with the most appropriate options.

The refugees coming by boat to Italy have already set a record this year. The surge
$\qquad$ partly from the civil war in Syria, which has forced 3 million people to (2) their homeland. Europe, peaceful, affluent and comparatively close- is a preferred (3) $\qquad$ . It's where the desperate meets the developed. Often with the aid (4) $\qquad$ reckless human traffickers, refugees attempt to cross the waters in rubber dinghies that can (5) $\qquad$ —, plunging the occupants into the sea.

SubQuestion No : 5
Q. 5 Select the most appropriate option to fill in blank No. 4

Ans
>1. on
> 2 . for

- 3. of
>4.by


## Comprehension

Read the given passage and fill in the blanks with the most appropriate options.
The refugees coming by boat to Italy have already set a record this year. The surge
(1) $\qquad$ partly from the civil war in Syria, which has forced 3 million people to (2) their homeland. Europe, peaceful, affluent and comparatively close- is a preferred (3) $\qquad$
$\qquad$ It's where the desperate meets the developed. Often with the aid (4) $\qquad$ reckless human
traffickers, refugees attempt to cross the waters in rubber dinghies that can (5) $\qquad$ —, plunging the occupants into the sea.

SubQuestion No : 6
Q. 6 Select the most appropriate option to fill in blank No. 5

Ans
(1. inverse

X 2. convert
X 3. renege
$\checkmark$
4. capsize
Q. 7 Select the most appropriate antonym of the given word.

PERTURB
Ans
1 1. Confound
X 2. Commend

- 3. Soothe
<4. Fluster
Q. 8 Identify the segment that contains a grammatical error. If there is no error, select 'No error'

We will have to walk now since we had missed the bus.
Ans
-1. since we had
< 2. No error
X 3. We will have to
(4. walk now
Q. 9 Select the most appropriate antonym of the given word.

REPUGNANT
Ans
>1. Austere

- 2. Pleasant

X3. Sombre
\$4. Odious
Q. 10 Select the wrongly spelt word.

Ans

- 1. Avertion

X2. Omission
X3. Aviation
$>$
4. Evasion
Q. 11 Select the option which is the most appropriate one word substitution for the given group of words.

One who denies oneself ordinary bodily pleasures
Ans
1 1. aesthetic
2. atheist3. theist

- 4. ascetic
Q. 12 Select the most appropriate meaning of the underlined idiom in the given sentence.

As the flood waters hit the coastal village, several families had a close shave.
Ans

1. to have no livelihood

- 2. a narrow escape3. nothing to eat4. to lose all possessions
Q. 13 Select the most appropriate antonym of the given word.

IMPEDE
Ans

- 1. Expedite2. Retard3. Hamper4. Thwart
Q. 14 Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

She availed of the big discounts at the sale.
Ans

1. She availed on the
$\checkmark 2$
2. She availed herself of the3. She availed for a
<
3. No substitution
Q. 15 Select the most appropriate meaning of the underlined idiom in the given sentence.

The abrogation of article 370 was achieved in the teeth of tough resistance.
Ans
X 1. in a state of uncertainty2. in direct opposition to3. in collaboration with
4. in a short span of time
Q. 16 Select the most appropriate antonym of the given word.
dubious
Ans
(1. Dusky2. Likely3. Shady

7
4. Fishy
Q. 17 Select the most appropriate option to fill in the blank.

I who $\qquad$ your friend and wellwisher, should have been informed about your decision.
Ans
>1. is
$>2$.
<3. are4. am
Q. 18 Select the most appropriate option to fill in the blank. Hitler believed that the Nordic Aryan race was superior $\qquad$ all other races.
Ans <1. than
<3. from
4. to
Q. 19 Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

He had barely spoken the words when he realised his mistake.
Ans
X 1. barely spoken the words than

- 2. No substitution

3. barely speak the words that
(4. barely spoke the words when
Q. 20 Identify the segment that contains a grammatical error. If there is no error, select 'No error'

Need you to buy so many books?
Ans
< 1. so many books
X 2. Need you

- 3. to buy
(4. No error

Comprehension:
Read the given passage and answer the questions that follow.
The beaver had made a dam about hundred yards long, and it had formed out of the quickly flowing stream, a wide stretch of water about twelve feet deep. The dam was so firm and broad that it was easy for me to walk along it. After a hundred and fifty yards I came to a 'beaver's castle'- a great heap of logs skilfully fitted together, the lower part covered with earth and plants. The upper logs were put loosely together so that the air could pass through to the interior.
In the late autumn, before land and water are covered with snow and ice, the beaver has to make its dwelling frostproof. It collects young trees and gnaws the stems in a double cone until the tree falls. Then the long stems are gnawed into small sections, the thin twigs bitten off and the logs are dragged to the dwelling. There, the timber is piled on the castle, sometimes to a height of ten or twelve feet. Mud is brought up from the bottom of the lake and packed between the logs with the animal's clever forepaws. The interior is lined with the finest wood shavings. In this tall shelter, the beaver remains high and dry, and protected from frost throughout the winter.
The only access to the dwelling is under the water, and even the forest wolves are not able to pull the firm building apart. The water is the beaver's element. On land it moves slowly and awkwardly. Thus, it is vital for the beaver to have water in which it can swim, and where nature has not provided this condition for it, it creates it with its dam.
The beaver's activities can change whole landscapes. With this dam, for instance, on which I was standing, beavers had turned a whole wooded alley into a lake; trees that stood there had been killed by the water and had disappeared. Aquatic game had settled there. Ducks swam past us, and great must have been the number of fish, as swarms of trout had swum past me in the clear stream. Wide stretches of meadow had come into existence on the banks, with flat landing places to which the well-beaten beaver tracks led. Many years of building, gnawing and dragging must have gone into the completion of this immense task, creating a new region for the beaver to live in.

SubQuestion No : 21

## Q. 21 Which of the following statements is NOT true?

3. The beaver can move quickly and easily on land and in water.
4. The beaver has to make its dwelling frostproof before it starts snowing.

## Comprehension:

Read the given passage and answer the questions that follow.
The beaver had made a dam about hundred yards long, and it had formed out of the quickly flowing stream, a wide stretch of water about twelve feet deep. The dam was so firm and broad that it was easy for me to walk along it. After a hundred and fifty yards I came to a 'beaver's castle'- a great heap of logs skilfully fitted together, the lower part covered with earth and plants. The upper logs were put loosely together so that the air could pass through to the interior.
In the late autumn, before land and water are covered with snow and ice, the beaver has to make its dwelling frostproof. It collects young trees and gnaws the stems in a double cone until the tree falls. Then the long stems are gnawed into small sections, the thin twigs bitten off and the logs are dragged to the dwelling. There, the timber is piled on the castle, sometimes to a height of ten or twelve feet. Mud is brought up from the bottom of the lake and packed between the logs with the animal's clever forepaws. The interior is lined with the finest wood shavings. In this tall shelter, the beaver remains high and dry, and protected from frost throughout the winter.
The only access to the dwelling is under the water, and even the forest wolves are not able to pull the firm building apart. The water is the beaver's element. On land it moves slowly and awkwardly. Thus, it is vital for the beaver to have water in which it can swim, and where nature has not provided this condition for it, it creates it with its dam.
The beaver's activities can change whole landscapes. With this dam, for instance, on which I was standing, beavers had turned a whole wooded alley into a lake; trees that stood there had been killed by the water and had disappeared. Aquatic game had settled there. Ducks swam past us, and great must have been the number of fish, as swarms of trout had swum past me in the clear stream. Wide stretches of meadow had come into existence on the banks, with flat landing places to which the well-beaten beaver tracks led. Many years of building, gnawing and dragging must have gone into the completion of this immense task, creating a new region for the beaver to live in.

SubQuestion No : 22
Q. 22 The beavers can change the landscape by:

Ans 1. swimming in the water along with ducks and trouts.
2. dragging the logs of wood to the dwelling.

- 3. building castles with great heaps of logs.

4. building dams that can convert a wooded alley into a lake.

## Comprehension:

Read the given passage and answer the questions that follow.
The beaver had made a dam about hundred yards long, and it had formed out of the quickly flowing stream, a wide stretch of water about twelve feet deep. The dam was so firm and broad that it was easy for me to walk along it. After a hundred and fifty yards I came to a 'beaver's castle'- a great heap of logs skilfully fitted together, the lower part covered with earth and plants. The upper logs were put loosely together so that the air could pass through to the interior.
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The beaver's activities can change whole landscapes. With this dam, for instance, on which I was standing, beavers had turned a whole wooded alley into a lake; trees that stood there had been killed by the water and had disappeared. Aquatic game had settled there. Ducks
swam past us, and great must have been the number of fish, as swarms of trout had swum past me in the clear stream. Wide stretches of meadow had come into existence on the banks, with flat landing places to which the well-beaten beaver tracks led. Many years of building, gnawing and dragging must have gone into the completion of this immense task, creating a new region for the beaver to live in.

SubQuestion No : 23

## Q. 23 What evidence in the passage suggests that beavers build strong dwellings?

Ans

1. Even the forest wolves cannot pull the dwelling apart.
2. It takes many years of hard work to build the dwelling.
( 3. The beaver's dwelling is frostproof.
3. The interior is lined with finest wood shavings.

## Comprehension:

Read the given passage and answer the questions that follow.
The beaver had made a dam about hundred yards long, and it had formed out of the quickly flowing stream, a wide stretch of water about twelve feet deep. The dam was so firm and broad that it was easy for me to walk along it. After a hundred and fifty yards I came to a 'beaver's castle'- a great heap of logs skilfully fitted together, the lower part covered with earth and plants. The upper logs were put loosely together so that the air could pass through to the interior.
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SubQuestion No : 24
Q. 24 How does a beaver ensure that its castle is well ventilated?

Ans

1. The long stems are gnawed into small sections.
2. The logs are covered with earth and plants.

- 3. The upper logs are loosely placed.

4. The timber is piled upto ten feet high on the castle.

## Comprehension:

Read the given passage and answer the questions that follow.
The beaver had made a dam about hundred yards long, and it had formed out of the quickly flowing stream, a wide stretch of water about twelve feet deep. The dam was so firm and broad that it was easy for me to walk along it. After a hundred and fifty yards I came to a 'beaver's castle'- a great heap of logs skilfully fitted together, the lower part covered with earth and plants. The upper logs were put loosely together so that the air could pass through to the interior.
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between the logs with the animal's clever forepaws. The interior is lined with the finest wood shavings. In this tall shelter, the beaver remains high and dry, and protected from frost throughout the winter.
The only access to the dwelling is under the water, and even the forest wolves are not able to pull the firm building apart. The water is the beaver's element. On land it moves slowly and awkwardly. Thus, it is vital for the beaver to have water in which it can swim, and where nature has not provided this condition for it, it creates it with its dam.
The beaver's activities can change whole landscapes. With this dam, for instance, on which I was standing, beavers had turned a whole wooded alley into a lake; trees that stood there had been killed by the water and had disappeared. Aquatic game had settled there. Ducks swam past us, and great must have been the number of fish, as swarms of trout had swum past me in the clear stream. Wide stretches of meadow had come into existence on the banks, with flat landing places to which the well-beaten beaver tracks led. Many years of building, gnawing and dragging must have gone into the completion of this immense task, creating a new region for the beaver to live in.

SubQuestion No : 25
Q. 25 Which line in the passage most strongly indicates that weavers simply love being in or near water?

Ans

1. The beaver had made a dam out of the quickly flowing stream.

X 2. The dam was so firm and broad that it was easy to walk along.
3. The only access to the dwelling is under the water.

- 4. The water is the beaver's element.
Q. 26 Select the most appropriate meaning of the underlined idiom in the given sentence.

He is completely at sea about where to invest his hard-earned money.
Ans
< 1. in shock

- 2. confused
<3. sure
入4. committed
Q. 27 Select the most appropriate synonym of the given word.

DISCERN
Ans
X1. Neglect
2. Perceive

X 3. Disregard
<4. Daunt
Q. 28 Select the most appropriate meaning of the underlined idiom in the given sentence.

Unless you are above board in your dealings, you will not be able to win the trust of your clients.
Ans
Х 1. smart and deceptive
v 2. honest and frank
3. bold and reckless
\$4. exceptionally talented
Q. 29 Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

Neither the directors nor the Chairman were available to interrogation.
Ans
X 1. were available for

- 2. was available for

X 3. were available by
(4. No substitution
Q. 30 Select the option which is the most appropriate one word substitution for the given group of words.

One who devotes one's life to the welfare of other people.
Ans

- 1. altruist
< 2. martyr
X

3. ambassador
4. alchemist
Q. 31 Identify the segment that contains a grammatical error. If there is no error, select 'No error'

If he wants to recover, he must abstain for alcohol.
Ans

1. abstain for alcohol
2. wants to recover
< 3. No error
X4. he must
Q. 32 Select the wrongly spelt word.

Ans
入1. Reliant
X 2. Eliminate
Х 3. Allergy
v 4. Gluton
Q. 33 Select the most appropriate option to fill in the blank.

You are well prepared to handle the responsibilities bestowed $\qquad$ you.
Ans
<1. at
< 2. for
4. to
Q. 34 Identify the segment that contains a grammatical error. If there is no error, select 'No error'

These facts should not have been disclosed for the public.
Ans

1. These facts should
2. No error3. not have been disclosed
3. for the public
Q. 35 Select the most appropriate synonym of the given word.

FLOURISH
Ans
入1. Languish
Х 2. Shrivel
$>$
3. Wither
4. Thrive
Q. 36 Select the most appropriate meaning of the underlined idiom in the given sentence.

The thieves made off with all the cash and jewellery in the house.
Ans
> 1. squandered2. ran away with
$>$
3. discovered4. transferred
Q. 37 Select the most appropriate option to fill in the blank.

Keep away from bad company $\qquad$ you should regret later.
Ans
< 1. unless
< 2. whether3. lest4. although
Q. 38 Select the most appropriate synonym of the given word.

Х 2. Redeemed

- 3. Reliable4. Valuable
Q. 39 Select the wrongly spelt word

Ans

- 1. Burglery2. Nursery
< 3. Treasury
$>$

4. Aviary
Q. 40 Select the option which is the most appropriate one word substitution for the given group of words.

A shortened form of a word or phrase
Ans
(1. precis2. summary3. abbreviation
4. pseudonym
Q. 41 Select the option which is the most appropriate one word substitution for the given group of words.

A protected place for birds and animals
Ans

- 1. sanctuary

2. island

X 3. estuary4. bunker
Q. 42 Select the option which is the most appropriate one word substitution for the given group of words.

A detailed plan for a journey especially a list of places to visit
Ans
<1. inventory
$>$
2. trajectory
< 3. directory
4. itinerary
Q. 43 Select the most appropriate antonym of the given word.

DEMEAN
Ans
X1. Debase
2. Ignore

入3. Belittle

- 4. Admire
Q. 44 Select the most appropriate synonym of the given word.

PERPETUATE
Ans
入

1. Prevent

Х 2. Cease
$>$
3. Release4. Preserve
Q. 45 Select the most appropriate synonym of the given word.

INIMICAL
Ans
X 1. Comparable
< 2. Deliberate
X
3. Influential4. Hostile
Q. 46 Select the wrongly spelt word.

Ans

- 1. Audibal

X 2. Conceal
<3. Article
$>$
4. Precious
Q. 47 Select the most appropriate option to fill in the blank.

Due to shortage of time, I was unable $\qquad$ the task satisfactorily.
Ans
$>1$

1. from complete2. in completing3. for completing4. to complete
Q. 48 Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

Even if he is a honest man, he has been accused of theft.
Ans

1. Although he is an honest man
2. Since he are an honest man
3. Even though he is a honest man
< 4. No substitution
Q. 49 Identify the segment that contains a grammatical error. If there is no error, select 'No error'

Either of the two supervisors were supposed to be present at the site.
Ans
<1. No error2. present at the site3. were supposed to be
4. the two supervisors
Q. 50 Select the most appropriate option to substitute the underlined segment. If no substitution is required select 'No substitution'

If I would have a degree from the university, I would get a good job.
Ans

1. If I am having the degree
2. No substitution
$\checkmark$
3. If I had a degree4. When I will have a degree
