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

 2022| Roll Number |  |
| :--- | :--- |
| Candidate Name | DOTS ACADEMY |
| Venue Name | (10/11/2022 |
| Exam Date | $9: 00$ AM $-11: 00$ AM |
| xxam Time | SICPO Paper I 2022 |
| Subject |  |

Section : General Intelligence and Reasoning
Q. 1 Arrange the following planets in a logical and meaningful order.
1.Earth
2.Venus
3.Mars
4.Saturn
5.Jupiter

Ans

1. 2,1,3,5,4
$\times 2.1,2,3,5,4$
X 3. 2,3,1,4,5,
X 4.3,1,2,4,5
Q. 2 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.
$w_{-} I I_{-} g_{-} w e_{-} I n_{-} k_{-} e_{-} I_{-} g k$
Ans
X1.enklwgln
X2.enlkgwkn www.dotsias.com
X 3.enklgwkn
4.enklgwln
Q. 3 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans


$\checkmark 4$.

Q. 4 Three of the following four letter-clusters are alike in a certain way and one is different.

Pick the odd one out.
Ans
X 1. PLR
2. IFK

X 3. XTZ
X4. GCI
Q. 5 In a certain code language, 'CAKE' is written as ' 6 ' and 'JUICE' is written as ' 7 '. How will 'JUG' be written in that language?
Ans
$\times 1.3$
$\times 2.6$
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- 3.5
$\times 4.4$
Q. 6 Select the figure that will replace the question mark (?) in the following figure series.


Ans

Q. 7 If I denotes ' $\div$ ', J denotes ' $x$ ', K denotes ' - ', and $L$ denotes ' + ', then what will come in place of '?' in the following equation?
17 J 6 K 21 L 93 I 3 L 35 K 12 = ?
Ans $\times 1.130$
X 2. 128 WWW.dotsias.com
$\times 3.140$
4. 135
Q. 8 A \# $B$ means ' $A$ is the brother of $B$ '.
$A$ @ $B$ means ' $A$ is the son of $B$ '.
$A$ \& $B$ means ' $A$ is the father of $B$ '.
$A \% B$ means ' $A$ is the mother of $B$ '.
If W \# Q @ T \& Y @ M \% K \% L, then how is K related to $\mathbf{T}$ ?
Ans
X 1. Sister
X 2. Mother
3. Daughter

X 4. Daughter-in-law
Q. 9 If + means,-- means $\times, \times$ means $\div$, and $\div$ means + , what will be the value of the following expression?
$24-20 \times 12+18 \div 5$
Ans
$\times 1.480$
$\times 2.53$

- 3.27
$\times 4.17$
Q. 10 'C @ D' means ' $C$ is the father of $D$ '.
' $C$ * $D$ ' means ' $C$ is the brother of $D$ '.
' $C \times D^{\prime}$ means ' $D$ is the husband of $C$ '.
'C \# D' means ' $C$ is the sister of $D$ '.
'C \$ D' means ' $C$ is the son-in-law of $D$ '.
' $C=D$ ' means ' $C$ is the mother of $D$ '.
How is $A$ related to $C$ in the following expression?
A@L\#F*E×G\$C
Ans
×1. Brother

2. Son
3. Husband
4. Father
Q. 11 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.
VW_V__VW_ WV
Ans
X 1. WVWWV
X 2. vwvwv
X 3. wwwvw
5. VWVVV
Q. 12 Diogo's house faces west. He steps out of his house and walks 22 m straight. He then turns to his left and walks 20 m . He takes another left turn and walks 25 m . Finally, he turns left once again and walks further for $\mathbf{2 4} \mathbf{m}$ to reach his school. How far is the school from his house and in which direction with respect to his house?
Ans
$X 1.7 \mathrm{~m}$ due north-east
$X 2.25 \mathrm{~m}$ due south-east
X 3.5 m due north-west

- 4.5 m due north-east
Q. 13 If A denotes ' + ', B denotes ' $\times$ ', C denotes ' - ', and D denotes ' $\div$ ', then what will be the value of the following expression?

144 C $8 \quad$ B 20 A 81 D $3=$ ?
Ans

- 1.11
$\times 2.45$
X 3.21
$\times 4.23$
Q. 14 Which of the following numbers will replace the question mark (?) and complete the given number series?
2, 12, 144, 2592, ?
Ans
$\times 1.63408$
- 2.62208
$\times 3.62108$
$\times 4.62204$
Q. 15 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 16 Which of the following numbers will replace the question mark (?) in the given series? 98, 99, 107, ?, 198
Ans
$\times 1.154$
$\times 2.146$
$\times 3.148$

- 4.134
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Q. 17 Select the option figure in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 18 Two dimensions of the same dice are given. What letter will be on the face opposite to the face having the letter F?

| C | B | B |
| :---: | :---: | :---: | :---: |
| A | E |  |

Ans

- 1.B
$\times 2$. A
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X3.D
X4.C
Q. 19 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.


Ans


- 3. 


$\times 4$.

Q. 20 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Interest
2. Interdisciplinary
3. Interdict
4. Interdependent
5. Intersect

Ans
X 1.3,2, 4, 1,5
X 2. 2, 1, 4, 3, 5
X 3.1,2,3,4,5
4. $4,3,2,1,5$
Q. 21 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.)
$(6,12,228)$
$(8,3,515)$
Ans
X 1. $(13,11,172)$
2. $(4,18,82)$

X $3 .(9,23,119)$
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X 4. $(3,28,56)$
Q. 22 Six people are sitting in two parallel rows with 3 people each in such a way that there is equal distance between adjacent persons. $\mathrm{S}, \mathrm{T}$ and U are seated in the same row facing south. $\mathrm{X}, \mathrm{Y}$ and Z are seated in the same row facing north. U sits at the extreme right end of their row and is exactly opposite $X$. $T$ is the immediate neighbour of $U$ and sits exactly opposite Z. Who sits at the extreme right end of the row facing North?
Ans
$\times 1 . \mathrm{U}$
2. Y
$X 3 . \mathrm{X}$
X4. Z
Q. 23 If A denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following expression?
35 A 68 D 34 C 16 B 1
Ans

- 1.21
$\times 2.31$
$\times 3.41$
$\times 4.51$
Q. 24 Select the Venn diagram that best illustrates the relationship between the following classes. Men, Fathers, Doctors

Ans

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Q. 25 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.)
$(23,25,16)$
$(21,17,256)$
Ans

1. $(18,15,81)$

X 2 . $(11,9,12)$
X $3 .(27,23,64)$
>4. $(14,19,125)$
Q. 26 Which letter-cluster will replace the question mark (?) to complete the given series? GSAV, JPER, ?, PJMJ, SGQF, ?
Ans
X 1. MMJO
X 2. MNIO
X 3. MNIP

- 4. MMIN
Q. 27 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown below. Choose the figure that would most closely resemble the unfolded form of the paper.


Ans

Q. 28 Select the option figure in which the given figure is embedded (rotation is NOT allowed).
$\$$
Ans
$\times 1$.

2.

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Q. 29 In this question, three statements are given, followed by two conclusions numbered I and II.

Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follows/follow from the statements. Statements:
All gowns are shirts.
Some shirts are coats.
All coats are clothes.
Conclusions:
I. Some gowns are clothes.
II. Some clothes are shirts.

Ans $\quad$ 1. Neither conclusion I nor II follows.
$X$ 2. Both conclusions I and II follow.
X 3. Only conclusion I follows.
4. Only conclusion II follows.
Q. 30 If - means,$+ \times$ means $\div, \div$ means,-+ means $\times$, what will come in place of the question mark
(?)?
$76 \times 4+13 \div 8-3=$ ?
Ans $\times 1.236$
$\times 2.212$

- 3.242
$\times 4.108$
Q. 31 Select the Venn diagram that best illustrates the relationship between the following classes. Spectacles, Lens, Mirror

Ans

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$\times 3$.


- 4. 


Q. 32 Based on the position in the English alphabetical order, three of the following letter-clusters are alike in some manner and one is different. Select the odd letter-cluster.
Ans
$X 1$. FHMP
2. JLPT

X 3. BDIL
X 4. LNSV
Q. 33 Select the number from among the given options that can replace the question mark (?) in the following series.
95, 73, 53, ?, 19, 5
Ans

- 1.35
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$\times 2.31$
$\times 3.39$
$\times 4.42$
Q. 34 Select the option that represents the letters that when placed from left to right in the blanks below will complete the letter series.
AA_D_F_AC_E_A_ _D_F_ACD_F
Ans
X 1. CEAFDACEAC
- 2. CEADFACEAE

X 3. CAFDFAACEE
X4. ACDAFACEAE
Q. 35 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
DUNE: BGSXLQCH :: NEED: LQCHCHBG :: KING: ?
Ans
X 1. GLLQEJIN
X 2. NGLLQEJI
X 3. LLQEJING
4. INGLLQEJ
Q. 36 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.


Ans
X1. в^دOCMG」
X 2. гכWכOTV Я
X3. $\angle \supset M \supset O \angle \wedge У$
4. 「@ - วoгvя
Q. 37 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 :
All backpacks are suitcase.
All suitcases are trolley.
Some Backpacks are Luggage.
Conclusions:
(I) Some Suitcases are Luggage.
(II) Some Backpacks are Trolley.
(III) All Trolleys are Luggage.

Ans

1. Both Conclusions I and II follow.

X 2. Only Conclusion I follows.
X 3. Both Conclusions II and III follow.
X 4. Both Conclusions I and III follow.
Q. 38 In a certain code language, GOA is written as 7151 and DOG is written as 4157 . How will MAN be written in that language?

Ans
$\times 1.11113$
$\times 2.12113$

- 3.13114
$\times 4.31114$
Q. 39 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.)
$(17,29,46)$
$(24,36,60)$
Ans
X $1 .(48,52,98)$
$\times 2 .(36,46,81)$
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X 3. $(29,41,64)$

4. $(21,33,54)$
Q. 40 If $A$ denotes ' + ', $B$ denotes ' $x$ ', $C$ denotes ' - ', and $D$ denotes ' $\div$ ', then what will come in place of '?' in the following equation?
34 A 15 B 3 C 11 B 2 A (51 D 17) $=$ ?
Ans
$\times 1.53$
$\times 2.58$
$\times 3.65$
5. 60
Q. 41 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.

Ans
X $1 .\left[\frac{1}{86}\right]$
X 2. $\left[\frac{1}{83}\right]$
ง. $\left[\frac{1}{80}\right]$
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X4. $\left[\frac{1}{77}\right]$
Q. 42 Anita starts from her house and cycles 6 km towards the south and then turns left and cycles 8 km . She again turns left and cycles for $X \mathrm{~km}$ to reach her school. Point $A$ is to the west of her school and also 3 km to the north of her house. What is the value of $X$ ?

Ans
X 1.3 km
$\times 2.7 \mathrm{~km}$

- 3.9 km

X 4.11 km
Q. 43 In a certain code language, 'SO' is written as ' 34 ' and 'BED' is written as ' 11 '. How will 'MOAN' be written in that language?

Ans

1. 43
$\times 2.86$
X 3.23
X 4.99
Q. 44 In a certain code language, 'FRIDAY' is written as 'KTHACF' and 'MOSTLY' is written as 'UQOANV'. How will 'GINGER' be written in that language?
Ans
X 1. PKIUHJ
X 2. PKITFI
X 3. TGIOKI
2. PKITGI
Q. 45 If $A$ denotes ' + ', B denotes ' $x$ ', C denotes ' - ', and $D$ denotes ' $\div$ ', then what will be the value of the following expression? 200 C 12 B 15 A 26 D 13

Ans
X 1.26
$\times 2.23$
X 3.24

- 4.22
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Status : Answered
Q. 46 Select the figure from among the given options that can replace the question mark
(?) in the following series.


Ans

Q. 47 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.

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Ans
$\times 1$.

2.

$\times 3$.

$\times 4$

Q. 48 Which of the following numbers will replace the question mark (?) and complete the given number series?
600, 590, 575, 550, 510, ?
Ans
$\times 1.460$
$\times 2.420$
$\times 3.440$

- 4.450
Q. 49 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.)
Force : Newton :: Current :?
Ans

1. Ampere
$X 2$. Volt
X 3. Coulomb
X 4. Charge
Q. 50 Eight people are sitting in two parallel rows with four people each in such a way that there is equal distance between adjacent persons. $5,6,7$ and 8 are seated in the same row facing South. 1, 2, 3 and 4 are seated in the same row facing North. 4 and 2 do not sit at the extreme corners of their row. 7 sits at the extreme right end of their row and is exactly opposite 1.3 sits exactly opposite 8 .
Who sits at the extreme left end of the row of people sitting facing South?
Ans
$\times 1.5$

- 2.8
$\times 3.6$
$\times 4.3$


## Section : General Knowledge and General Awareness

Q. 1 Which of the following statements is NOT correct about the decline of wildlife in India?

Ans
$X 1$. Grazing by domestic cattle
X 2. Industrial and technological advancement
X 3. Agriculture and human settlement
4. Incidence of forest fire is not a reason of declining wildlife
Q. 2 In which of the following places were the 2021 World Artistic Gymnastics Championships held?
Ans
$X$ 1. Stuttgart, Germany
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X 2. Liverpool, Great Britain
X 3. Doha, Qatar
4. Kitakyushu, Japan
Q. 3 Which series of satellite carrying Very High-Resolution Radiometer (VHRR) provides valuable observations of temperature, cloud cover, wind and related weather phenomena?
Ans

1. INSAT series
$X$ 2. IRS series
X 3. GSAT series
$\times 4$. SROSS series
Q. 4 Which of the following statements is/are true about the communication development in India?
A. TV services began in India before Independence.
B. TV was delinked from All India Radio.
C. Doordarshan got a separate identity in 1976.

Ans
$X$ 1. Only C
$X$ 2. Both $A$ and $B$
3. Both $B$ and $C$
$X$ 4. Both A and C
Q. 5 The All-India Khilafat Conference in November 1919 took place at:

Ans $\quad X 1$. Lahore
$X$ 2. Bombay
3. Delhi

X 4. Lucknow
Q. 6 Who among the following discovered the concept of expanding universe?

Ans

1. Edwin Hubble

X 2. Carl Edward Sagan
X 3. Tycho Brahe
X 4. Charles Messier
Q. 7 Which state/UT constructed 3,300 km of rural roads in 2020-21 under the Pradhan Mantri Gram Sadak Yojana?
Ans
X 1. Himachal Pradesh
X 2. Delhi
X 3. Uttarakhand
4. Jammu and Kashmir
Q. 8 Which of the following pair type of nutrient - nutrient is correct?
I. Macronutrient - Iron
II. Micronutrient - Calcium

Ans
X 1. Only I
X 2. Neither I nor II
X 3. Both I and II

- 4. Only II
Q. 9 Which of the following directs the State to provide 'Equal justice and free legal aid'?

Ans $\quad$ 1. Part $V$ of the Indian Constitution
2. Part IV of the Indian Constitution

X 3. Part VI of the Indian Constitution
X 4. Part VII of the Indian Constitution
Q. 10 Which of the following Articles establishes the provision of the Right to Education?

Ans
X 1. Article 20 (1)
2. Article 21A

X 3. Article 23
X 4. Article 22 (3)
Q. 11 Which of following Articles of the Constitution, gives the right to consult a legal practitioner of one's choice?
Ans
$X$ 1. Article 20
X 2. Article 21
3. Article 22
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4. Article 19
Q. 12 Which is NOT correct about the President of India?

Ans 1. He has veto power by which he can withhold or refuse to give assent to Bills including Money Bill passed by the Parliament.
$X 2$. He is a part of the Parliament.
X 3. Every bill passed by the Parliament goes to the President for his assent before it becomes a law.
4. The President holds office for a period of five years.
Q. 13 Which of the following classical dances is referred to as the dance of the storytellers?

Ans

1. Kathak

X 2. Kuchipudi
X 3. Kathakali
X 4. Odissi
Q. 14 Which of the following countries will host the Men's FIH Hockey World Cup - 2023?

Ans
X 1. Pakistan
X 2. Australia
X 3. Germany
4. India
Q. 15 Which was the first city in the world to have hosted both, the summer and winter editions of the Olympic Games?
Ans
$X$ 1. Sydney
X 2. New York
X 3. Tokyo
4. Beijing
Q. 16 El-Nino is a complex weather system that appears once every three to $\qquad$ years, bringing drought, floods and other weather extremes to different parts of the world.
Ans
$X 1$. nine
2. seven
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X 3. six
$\times 4$. four
Q. 17 Who among the following was the commander of Muhammad Ghori, and also founded the slave dynasty in India?

Ans
X 1. Iltutmish
2. Qutub-Din Aibak

X 3. Aram Shah II
X 4. Ghiyasud din Balban

## Q. 18 What is an indicator of self-reliance?

Ans
$X 1$. Increase in exports of the goods which could not be produced in the country.
X 2. Increase in imports of the goods which could be produced in the country.
$X$ 3. Avoiding exports of the goods which could be produced in the country.
4. Avoiding imports of the goods which could be produced in the country.
Q. 19 A project for purveying microcredit by linking Self-Help Groups (SHGs) with banks was launched by $\qquad$ in 1992.

Ans
X 1. IRMA
$\times 2$. RRB
3. NABARD
$\times 4$. SIDBI
Q. 20 Which of the following is NOT correct about the power of the Speaker of the state Legislative Assembly?
Ans
$X 1$. He adjourns the Assembly or suspends the meeting in the absence of a quorum.
X 2. He maintains order and decorum of the House.
3. He calls for a joint session of the Assembly and Council to resolve the deadlock
between the two Houses over an ordinary Bill.
X 4. He decides whether a Bill is a Money Bill or not.
Q. 21 Which chemical element with atomic number is 31 ?

Ans
$X$ 1. Indium
$X$ 2. Aluminium www.dotsias.com
X 3. Thallium
4. Gallium
Q. 22 Which of the following is NOT a neutral oxide?

Ans
$X 1$. No
$\times 2 . \mathrm{N}_{2} \mathrm{O}$

- 3. $\mathrm{Na}_{2} \mathrm{O}$
$\times 4$. CO
Q. 23 Which of the following pair of plant disease - microorganism is correct?
I. Citrus canker - Virus
II. Rust of wheat - Fungi

Ans

1. Only II

X 2. Neither I nor II
$X$ 3. Both I and II
X 4. Only I
Q. 24 Which Part of the Indian Constitution is known as 'Magna Carta of India'?

Ans
X 1. Part IV

- 2. Part III

X 3. Part II
X 4. Part VI
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Question ID : 26433054123
Status: Answered
Chosen Option : 2
Q. 25 Whose autobiography is 'Playing it my way'?

Ans
X 1. Saina Nehwal
2. Sachin Tendulkar

X 3. Yuvraj Singh
X 4. Sunil Gavaskar
Q. 26 Which of the following dams is correctly paired with the state in which it is located?

Ans
X 1. Nagarjuna dam - Rajasthan
X 2. Bhakra Nangal dam - Tamil Nadu
X 3. Tehri dam - Uttar Pradesh
4. Hirakud dam - Odisha
Q. 27 The Tripartite Struggle, also known as the Kannauj Triangle Wars, took place in the 8th and 9th centuries, between which of these three great Indian dynasties?
Ans
X 1. The Pandayas, The Pratiharas and The Rashtrakutas
2. The Palas, The Pratiharas and The Rashtrakutas

X 3. The Paramars, The Chauhans The Gahadavalas
X 4. The Cholas, The Pratiharas and The Rashtrakutas
Q. 28 "The liverworts grow usually in moist, shady habitats such as banks of streams, marshy ground, damp soil, bark of trees and deep in the woods. The plant body of a liverwort is thalloid, e.g., Marchantia. The thallus is dorsiventral and closely appressed to the substrate. The leafy members have tiny leaf-like appendages in two rows on the stem-like structures." The above statement signifies which of the following Bryophyta?

Ans

1. Liverworts
$X$ 2. Sphagnum
X 3. Selaginella
X 4. Salvinia
Q. 29 Which of the following is NOT a factor which should be kept in mind when planning meals for a family?
Ans
2. Environment
3. Economic factor
4. Season
5. Nutritional need
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Q. 30 The Prime Minister 'Gati Shakti' scheme is launched by the Government of India for which type of infrastructure development from the following?
$X$ 1. Agricultural production
X 2. Schools and education
6. Transport

X 4. Hospitals
Q. 31 Which of the following festivals is observed by the tribal people of Jharkhand?

Ans $\quad X 1$. Nongkrem
$X$ 2. Suata
X 3. Losar
4. Bhagta Parab
Q. 32 The Sattriya dance form was introduced in 15 th century AD by

Ans $\quad \times 1$. Govindacharya
2. Mahapurusha Sankaradeva

X 3. Vallabhacharya
X 4. Chaitanya Mahaprabhu
Q. 33 Who among the following repealed the Vernacular Press Act of 1878 ?

Ans
X 1. Lord Lytton
X 2. Lord Northbrook
3. Lord Ripon

X 4. Lord Dufferin
Q. 34 Which of the following pair of position of object - position of image - size of image, of image is NOT correct for concave mirror?
Ans
$X 1$. At $F$ - At infinity - Highly enlarged
2. At infinity - At C - Highly diminished
$X$ 3. Beyond $C$ - Between $F$ and $C$ - Diminished
X 4. Between C and F - Beyond C - Enlarged

## Q. 35 Revolutionary hero Ashfaqulla Khan was sentenced to death for

$\qquad$ .
Ans
$X$ 1. the Alipore Conspiracy Case
2. the Kakori Train Robbery
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$X$ 3. the murder of Saunders
4. burning of the Chauri Chaura police station
Q. 36 'The Test of My Life' is an autobiography of which of the following cricketer?

Ans $\quad \times 1$. Sachin Tendulkar
X 2. Mohammad Kaif
X 3. MS Dhoni
4. Yuvraj Singh
Q. 37 Which of the following is the main percussion instrument used in the performance of Mohiniyattam dance?

Ans
$X$ 1. Dhumsa
X 2. Sitar
3. Edakka

X 4. Nagada
Q. 38 Who among the following holds the authority of transferring judges from one High Court to another after consulting with the Chief Justice of India?
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Ans
$X$ 1. The Prime Minister
$X$ 2. The Attorney General
3. The President
$X$ 4. The Vice President
Q. 39 The formal British rule in India is understood to have commenced in 1757, after the Battle of $\qquad$
Ans $\quad \times 1$. The Battle of Buxer
2. The Battle of Plassey
$X$ 3. The battle of Cuddalore
X 4. The Battle of Wandiwash
Q. 40 Which festival is celebrated in the month of February by the Angami tribe of Nagaland?

Ans

1. Sekrenyi festival
$X$ 2. Hornbill festival
X 3. Majuli festival
X 4. Losoong festival
Q. 41 Which of the following is a temperate marine climate with substantial rainfall in all seasons?
Ans
X1.Am
X 2. BSk
X 3.BSh

- 4. Cfb
Q. 42 Which of the following options best describes the meaning of Nritta in the Kuchipudi dance form?
Ans
$X$ 1. Narrative Dancing

2. Non-Narrative and Abstract Dancing WWW.dotsias.COM
$\chi$ 3. Abstract Narrative Dancing
X 4. Interpretative Dancing
Q. 43 The Communist Party of India was founded at $\qquad$ in October 1920.
Ans
3. Tashkent
$\times 2$. Britain
X 3. Lahore
$X$ 4. Calcutta
Q. 44 'Dollar Bahu' is written by whom among the following Indian authors?

Ans $\quad \times 1$. Khushwant Singh
X 2. Kiran Desai
3. Sudha Murty

X 4. Arundhati Roy
Q. 45 'Kalbelia' is a folk-dance of which of the following states of India?

Ans

1. Rajasthan

X 2. Himachal Pradesh
$X$ 3. Assam
X 4. Tamil Nadu
Q. 46 The objective of removal of poverty and attainment of self-reliance was associated with the __ Five-Year Plan.
Ans
$X$ 1. Fourth
$\times 2$. Sixth
3. Fifth
$X$ 4. Seventh
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Q. 47 Which hill is NOT a part of the Meghalaya Plateau?

Ans
$X 1$. Garo Hills
$X$ 2. Jaintia Hills
3. Nilgiri Hills

X 4. Khasi Hills
Q. 48 According to LERMS policy, what percentage of foreign exchange earnings was required to exchange at the official exchange rate as determined by the RBI?
Ans
Xi. $60 \%$
2. $40 \%$

X 3. $20 \%$
X4. $30 \%$
Q. 49 In which of the following years was the decision taken during the IOC Executive Board meeting held in Lausanne to include $4 \times 400 \mathrm{~m}$ mixed relay event at the Tokyo 2020 Olympics?
Ans

- 1.2018

X2. 2019
X 3. 2020
$\times 4.2016$
Q. 50 Scurvy is caused by not having enough $\qquad$ resulting in general weakness, anaemia, gum disease and skin bleeding.
Ans

- 1. ascorbic acid

X 2. cyanocobalamin
X 3. niacin
X 4. thiamine

Section : Quantitative Aptitude
Q. 1 What is the total surface area of a cuboid whose length, breadth and height are $7 \mathrm{~cm}, 5 \mathrm{~cm}$ and 9 cm , respectively?

Ans

1. $286 \mathrm{~cm}^{2}$
X. $386 \mathrm{~cm}^{2}$

X $3.403 \mathrm{~cm}^{2}$
X $4.190 \mathrm{~cm}^{2}$
Q. 2 The ratio of the total number of students scoring marks less than $50 \%$ to that of scoring marks exactly $50 \%$ is:

| School | Number of <br> students scoring <br> marks less than <br> $50 \%$ | Percentage of <br> students scoring <br> marks more than <br> $50 \%$ | Number of <br> students appeared |
| :---: | :---: | :---: | :---: |
| A | 270 | 55 | 600 |
| B | 120 | 40 | 400 |
| C | 300 | 20 | 375 |
| D | 220 | 10 | 350 |
| E | 200 | 25 | 300 |

Study the above table and answer the question.
Ans
X1.101: 24

- 2. 111: 24
$\times 3.101: 12$
$\times 4.111: 12$
Q. 3 The sides of a triangular field are $\mathbf{6 2 m}, 186 \mathrm{~m}$ and 279 m . Find the greatest length of tape that would be able to exactly measure each of them without any fractions.
Ans
$\times 1.30 \mathrm{~m}$
- 2.31 m
$\times 3.93 \mathrm{~m}$
$\times 4.62 \mathrm{~m}$
Q. 4 The given table represents the population of different villages.

| Name of the Village | Number of males | Number of females |
| :--- | :--- | :--- |
| A | 1500 | 1220 |
| B | 1460 | 1320 |
| C | 1105 | 1180 |
| D | 1305 | 1170 |

J : denotes the average number of males in villages $\mathrm{A}, \mathrm{B}$ and C .
$K$ : denotes the average number of females in villages $B, C$ and $D$.
What is the average of J and K ?
Ans
1.1289.17
$\times 2.1278 .36$
X 3.1279 .62
$\times 4.1288 .62$

## Q. 5 Find the effective discount for the scheme - Buy 5 get 3 free.

Ans 1.37.5\%
$\times 2.36 \%$
X 3.36.5\%
×4.37\%
Q. 6 Number of books issued by a library for 6 months has been represented in the following bar graph.

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In which month the maximum number of books were issued?
Ans
X 1. April
X 2. Jan
2. May
$\times$ 4. February
Q. 7 A sphere is of radius 5 cm . What is the surface area of the sphere?

Ans $\quad \times 1.120 \pi \mathrm{~cm}^{2}$
2. $100 \pi \mathrm{~cm}^{2}$

X $3.200 \pi \mathrm{~cm}^{2}$
$\times 4.150 \pi \mathrm{~cm}^{2}$
Q. 8 The value of the expression $\cos ^{2} 45^{\circ}+\cos ^{2} 135^{\circ}+\cos ^{2} 225^{\circ}+\cos ^{2} 315^{\circ}$ is:

Ans
X1. 1
$\times 2 . \frac{3}{2}$
3. 2
$\times 4 . \frac{1}{2}$
Q. 9 Two trains, running between Bangalore and Chennai, start at the same time from their respective locations and proceed towards each other at the speed of $80 \mathrm{~km} / \mathrm{h}$ and $95 \mathrm{~km} / \mathrm{h}$. When they meet, it is found that one train has travelled 180 km more than the other.The distance between Bangalore and Chennai is $\qquad$ _.
Ans
X 1.400 km
X 2.345 km
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- 3.2100 km

X 4.1200 km
Q. 10 The curved surface area and circumference at the base of a solid right circular cylinder are $2200 \mathrm{~cm}^{2}$ and 110 cm , respectively. Find the height of the cylinder.
Ans

- 1.20 cm
$\times 2.18 \mathrm{~cm}$
$\times 3.24 \mathrm{~cm}$
$\times 4.22 \mathrm{~cm}$
Q. 11 At a construction site, Raju can paint a wall in 36 hours, while Angad can do the same work in 18 hours. Sumit can paint the same wall in 24 hours. In how much time can they paint the wall if they all work together?

Ans
$X 1.9$ hours
$\times 2.12$ hours
3.6 hours
4. 8 hours
Q. 12 The ratio of the number of boys to that of girls in a school is $5: 2$. If $87 \%$ of the boys and $80 \%$ of the girls passed in the annual exams, then find the percentage of students who failed in the annual exams.

Ans
X $1.17 \%$
X $2.16 \%$
3. 15\%
4. $18 \%$
Q. 13 The following table shows different types of geysers sold by a company over 6 years (numbers in thousands)

| Year | Types |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | A | B | C | D | E |  |
| 2007 | 75 | 122 | 103 | 98 | 95 |  |
| 2008 | 100 | 102 | 103 | 112 | 102 |  |
| 2009 | 105 | 108 | 112 | 109 | 108 |  |
| 2010 | 100 | 189 | 123 | 102 | 122 |  |
| 2011 | 95 | 123 | 102 | 124 | 124 |  |
| 2012 | 85 | 145 | 134 | 134 | 145 |  |

Answer the following question based on the table:
The total sales of all the six years are the minimum for which geyser?
Ans
$X 1 . \mathrm{D}$
$\times 2 . \mathrm{c}$

- 3. $A$
>4.B
Q. 14 As shown in the given figure, inside the large semicircle, three semicircles (with equal radii) are drawn so that their diameters all sit on the large semicircle's diameter. What is the ratio between the red and blue areas?

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Ans
X1.2:1
$\times 2.4: 3$
$\times 3.3: 4$

- $4.1: 2$
Q. 15 The average marks of students in five subjects in class X in a school is given in the table.

| Year | History <br> (Out of 200 <br> marks) | Geography <br> (Out of 100 <br> marks) | Mathematics <br> (Out of 200 <br> marks) | Science <br> (Out of 200 <br> marks) | English <br> (Out of 150 <br> marks) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1984 | 88 | 46 | 94 | 98 | 60 |
| 1985 | 90 | 35 | 88 | 120 | 90 |
| 1986 | 100 | 45 | 112 | 102 | 66 |
| 1987 | 120 | 38 | 96 | 112 | 45 |
| 1988 | 124 | 54 | 80 | 96 | 57 |

The average percentage marks of which of the following pairs of subjects was the same in 1985 ?
Ans
X 1. English, Mathematics
X 2. Geography, Mathematics
X 3. Science, Geography
4. Science, English
Q. 16 In a showroom the price of a washing machine is ₹ 65,000 . The customer gets cash discount of ₹ 2,000 , and gets a scratch card promising percentage discount of $10 \%$ to $15 \%$. Determine the difference between the least and the maximum selling prices of the washing machine.
Ans
$\times$ 1. ₹ 3,650
X 2. ₹ 3,200
, 3. ₹ 3,150
X4. ₹ 3,570
Q. 17 AB is a common tangent to both the circles in the given figure. Find the distance (correct to two decimal places) between the centres of the two circles.


Ans
X 1.21 .62 units
X 2. 26.59 units
2. 23.58 units
$\times 4.18 .98$ units
Q. 18 What is the simplified value of $(0.00243)(0.2)$ ?

Ans

1. 0.3
$\times 2.0 .03$
$\times$ 3. 0.0003
$\times 4.0 .003$
Q. 19 What is the length of the longest pole that can fit itself in a hall 60 feet long, 30 feet broad and 20 feet high?

Ans
$\times 1.50$ feet

- 2.70 feet

X 3.20 feet
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$\times 4.30$ feet
Q. 20 If $x+y=10,2 x y=48$ and $x>y$, then find $2 x-y$.

Ans
$\times 1.3$

- 2.8
$\times 3.6$
$\times 4.4$
Q. 21 A man borrowed Rs. $\mathbf{5 0 , 0 0 0}$ from a bank at $\mathbf{1 0 \%}$ per annum, compounded annually. At the end of every year, he pays Rs. 15,000 as part payment of the loan and interest. How much does he still owe to the bank after three such instalments?
Ans
X 1. Rs.16,200
X 2. Rs.15,800

3. Rs.16,900

X 4.Rs.15,200
Q. 22 The HCF and LCM of two numbers are 126 and 9 , respectively. If one of the numbers is 18 , then what is the other number?

Ans
$\times 1.24$
$\times 2.36$
3. 63
$\times 4.84$
Q. 23 Which of the following is the smallest ratio?

Ans

- $1.41: 92$

X2. $42: 49$
$\times 3.33: 41$
$\times 4.35: 47$
Q. 24 If a 4 digit number $x 58 y$ is exactly divisible by 9 , then the least value of $(x+y)$ is:

Ans
$\times 1.2$
X2. 4
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- 3.5
$\times 4.3$
Q. 25 What are the values of $R$ and $M$, respectively, if the given number is perfectly divisible by 16 and 11 ?
34R05030M6
Ans
X 1.7 and 5
X2. 4 and 6
3.5 and 5

X4. 5 and 7
Q. 26 The number 150328 is divisible by 23 . If the digits are rearranged in descending order and five times of 13 is subtracted from the new number thus formed, then the resultant number will be divisible by:

Ans
$\times 1.2$
2. 5
$\times 3.3$
X 4.11
Q. 27 A man bought two bicycles for ₹ 3,000 each. If he sells one bicycle at a profit of $10 \%$, then for how much percentage profit should he sell the other bicycle so that he makes a profit of $20 \%$ on the whole?
Ans

1. 30 Percent

X 2. 10 Percent
X 3. 15 Percent
X 4. 25 Percent
Q. 28 If a car covers 75.5 km in 3.5 litres of petrol, how much distance (in $\mathbf{k m}$ ) will it cover in 28 litres of petrol?

Ans
$\times 1.602$
$\times 2.603$
$\times 3.600$

- 4.604
Q. 29 If $\cos 48^{\circ}=\frac{m}{n}$, then $\sec 48^{\circ}-\cot 42^{\circ}$ is equal to:

Ans

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$\times$ 2. $\frac{\mathrm{n}-\sqrt{\mathrm{n}^{2}-\mathrm{m}^{2}}}{\mathrm{n}}$
⒊ $\frac{\mathrm{m}-\sqrt{\mathrm{n}^{2}-\mathrm{m}^{2}}}{\mathrm{~m}}$
4. $\frac{\mathrm{n}-\sqrt{\mathrm{n}^{2}-\mathrm{m}^{2}}}{\mathrm{~m}}$
m
Q. 30 Find the HCF of 238 and 832.

Ans $\times 1.14$
2. 2
$\times 3.16$
$\times 4.8$
Q. 31 The population of four villages in 4 years is presented in the following table.

| Village/Year | 2018 | 2019 | 2020 | 2021 |
| :--- | :--- | :--- | :--- | :--- |
| A | 12381 | 12800 | 13045 | 13256 |
| B | 10089 | 11478 | 11502 | 11931 |
| C | 7896 | 7942 | 8069 | 8275 |
| D | 5152 | 5230 | 5346 | 5500 |

What is the average population of village D during all the 4 years?
Ans $\quad \times 1.5315$
$\times 2.5295$
X 3.5300
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- 4.5307
Q. 32 The percentage distribution of Anil's expenditures is presented in the given pie chart.


If Anil's monthly expenditure is $₹ 65,000$, how much money does he spend on Food and Rent?
Ans
$\times 1$. ₹ 24,500
2. ₹ 24,050

X 3. ₹ 25,040
X4. ₹ 25,400
Q. 33 The least common multiple of 48 and 64 is $\qquad$ times the highest common factor of 12 and 18.

Ans
$\times 1.16$
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$\times 2.24$

- 3.32
$\times 4.28$
Q. 34 Geeta runs $5 / 2$ times as fast as Babita. In a race, if Geeta gives a lead of 40 m to Babita, find the distance from the starting point where both of them will meet (correct up to two decimal places).

Ans

- 1.66 .67 m

X2. 66 m
$\times 3.65 \mathrm{~m}$
X4.65.33m
Q. 35 Solve the following equation.

$$
\sec ^{2} \theta\left(\sqrt{1-\sin ^{2} \theta}\right)=
$$

Ans

1. $\sec \theta$

Х 2. $\tan \theta$
X 3. $\operatorname{cosec} \theta$
$\times 4.1$
Q. 36 The simplified form of $(7 x+4 y)^{2}+(7 x-4 y)^{2}$ is:

Ans
X $1.32 x^{2}+98 y^{2}$
X $2.98 x^{2}-32 y^{2}$

- $3.98 x^{2}+32 y^{2}$

Х4. $98 x^{2}+32 y^{2}-5 x y$
Q. 37 A car covered the first 100 km at a speed of $50 \mathrm{~km} / \mathrm{h}$. It covered next 140 km at a speed of $70 \mathrm{~km} / \mathrm{h}$. What is its average speed?
Ans

- $1.60 \mathrm{~km} / \mathrm{h}$

X2. 58 km/h
X $3.64 \mathrm{~km} / \mathrm{h}$
> $4.62 \mathrm{~km} / \mathrm{h}$
Q. 38 Two stations are 120 km apart on a straight line. A train starts from station A at 8 a.m. and moves towards station $B$ at $20 \mathrm{~km} / \mathrm{h}$, and another train starts from station $B$ at 9 a.m. and travels towards station $A$ at a speed of $30 \mathrm{~km} / \mathrm{h}$. At what time will they meet?

Ans
Х 1. 10:30 a.m.
2. 11:00 a.m.

X 3. 11:30 a.m.
>4.10:00 a.m.
Q. 39 How many metallic spheres, each of diameter 6 cm can be melted to mould into a solid cylinder of diameter 8 cm and height of 18 cm ?
Ans

- 1.8
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X2. 6
$\times 3.10$
$\times 4.12$
Q. 40 What are the values of $x$ and $y$, respectively, from the following equations?
$6 x+7 y=5 x y$
$10 y-4 x=4 x y$
Ans
>1.2 and 5
X2. 4 and 5
3. 2 and 4

X4. 3 and 4
Q. 41 Aarush and Maahi together can do a piece of work in 10 days. If Aarush alone can do the same work in 15 days, then how many days Maahi alone will take to do the same work?
Ans
X 1.20

- 2.30
$\times 3.25$
$\times 4.15$
Q. 42 If there are 30 million people below 36 years, then the number of people (in millions) in the age group (56-65) is: (consider up to two decimals)

The table shows the percentage of total population of a city in different age groups.
Study the table and answer the question.

| Age group | Percentage |
| :---: | :---: |
| Up to 15 | 15.00 |
| $16-25$ | 20.25 |
| $26-35$ | 16.75 |
| $36-45$ | 26.25 |
| $46-55$ | 15.00 |
| $56-65$ | 5.50 |
| 66 and above | 1.25 |

Ans

1. 3.17 million
$\times 2.1 .87$ million
X 3. 2.17 million
$\times 4.1 .16$ million
Q. 43 The volume of a wall, six times as high as its breadth and half as long as its height, is 23958 $\mathrm{cm}^{3}$. What is the breadth of the wall?

Ans

- 1.21 cm
$\times 2.18 \mathrm{~cm}$
$\times 3.15 \mathrm{~cm}$
$\times 4.11 \mathrm{~cm}$
Q. 44 A car travels with a speed of $21 \mathrm{~m} / \mathrm{sec}$ in the first 10 minutes, 9.0 km in the next 10 minutes and 10 km in the last 10 minutes of its journey. What is the average speed of the car in $\mathrm{km} / \mathrm{h}$ during its entire journey?

Ans
X $1.65 .3 \mathrm{~km} / \mathrm{h}$
$2.60 .0 \mathrm{~km} / \mathrm{h}$
3.63 .2 km/h
$4.62 .0 \mathrm{~km} / \mathrm{h}$
Q. 45 The simplified value of $(0.2)^{3} \times 400 \div 2000$ of $(0.2)^{2}$ is:

Ans
$\times 1 . \frac{3}{25}$
2. $\frac{1}{50}$
3. $\frac{2}{25}$
4. $\frac{1}{25}$
Q. 46 Swati sold a bag to Ankita at a gain of $15 \%$. Aashi bought this bag from Ankita for Rs. 24,840 . Ankita earned a profit of $\mathbf{2 0 \%}$. At what price would Swati have bought the bag?

Ans
X 1. Rs.20,000
2. Rs.18,000

X 3. Rs.16,000
X 4. Rs.18,500
Q. 47 In an election, a candidate secures $42 \%$ of the votes polled but is defeated by his only opponent by a majority of $\mathbf{3 0 8 0}$ votes, because of 1400 invalid votes. The percentage of invalid votes is $\qquad$ -.

Ans
X $1.6 \%$
2. $5 \%$
$\times 3.4 \%$
4.3\%
Q. 48 If Ram's income exceeds Shyam's income by 70\% and Shyam's income is less than Sohan's income by $\mathbf{3 0 \%}$, then find the ratio of the incomes of Ram and Sohan.
Ans
X1.118:99
2.119:100

X $3.120: 101$
X4.121:102
Q. 49

The value of $\frac{2 \cos ^{3} \theta-\cos \theta}{\sin \theta-2 \sin ^{3} \theta}$ is:
Ans
X 1. $\tan \theta$
X2. $\sec \theta$

- $3 \cdot \cot \theta$

X4. $\sin \theta$
Q. 50 Annual production of four different types of cold drinks has been tabulated below. Which of these cold-drinks has encountered maximum percentage increment in production?

| Cold <br> drink | 2020 <br> (units) | 2021 <br> (units) |
| :--- | :--- | :--- |
| Sprite | 5400 | 5800 |
| Coca- <br> cola | 5300 | 5600 |
| Pepsi | 6000 | 6800 |
| Fanta | 1800 | 2700 | www.dotsias.com

Ans

- 1. Fanta

X 2. Pepsi
X 3. Sprite
X 4. Coca-Cola
Q. 1 Select the most appropriate option that can substitute the underlined segment in the given sentence.
He is a weak student and somehow pulled over the exams.
Ans
$X$ 1. pulled up
$X$ 2. pulled together
3. pulled through
4. pulled down
Q. 2 Select the option that substitutes the bracketed word-segment correctly and completes the sentence meaningfully.
Manthan and Pranav (sang together in a concert).
Ans
$X 1$. articulated together in a show
$X$ 2. enunciated together in a show
$\times$ 3. enjoined together in a show
4. chanted together in a show
Q. 3 Select the option that can be used as a one-word substitute for the given group of words. Treat with a vaccine, usually by injection to promote immunity against a disease
Ans
$X 1$. Innovate
$X$ 2. Innumerate
X 3. Innuendo
4. Inoculate
Q. 4 Select the option that can be used as a one-word substitute for the given group of words. One who knows all things
Ans
X 1. Oligarchy
2. Omniscient
$X$ 3. Ostracise
$\times 4$. Omnipotent

## Q. 5 Select the most appropriate option that can substitute the given group of words.

The action or offence of speaking sacrilegiously about God or sacred things
Ans

- 1. Blasphemy
> 2. Contamination
X 3. Irreverence
X4. Renunciation
Q. 6 Select the most appropriate synonym of the given word. Progress

Ans

1. Development

Х 2. Diminishment
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X 3. Halt
<4. Stagnation
Q. 7 Select the most appropriate ANTONYM of the given word.

Fascinating
Ans
X 1. Tempting
2. Repulsive

X 3 . Unforgettable
X 4. Seductive
Q. 8 Select the option that can be used as a one-word substitute for the given group of words.

Someone who is reserved and shy
Ans
X 1 . Social
X 2. Extrovert
Х 3. Recessive
4. Introvert
Q. 9 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The story did not go by. well enough.
Ans
$X 1$. go into
$\times 2$. go through
X 3. go off
4. go down
Q. 10 Select the most appropriate meaning of the given idiom.

To stand one's ground
Ans
$X 1$. To stand up
X 2. To stand in one's own land
3. To maintain one's position
$\times 4$. To fight for the same position
Q. 11 Select the INCORRECTLY spelt word.

Ans
$X 1$. Pried
2. Proteg
$X$ 3. Prophet
X 4. Prodigy
Q. 12 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Jason was sent to school in England, where he excelled academically and developed an interest in theatre and writing.
Ans
$X 1$. continued
$X$ 2. accomplished
3. failed

X 4. pursued
Q. 13 Select the option that expresses the given sentence in passive voice.

Jack played hide and seek.
Ans
$X$ 1. Hide and seek will be played by Jack.
$X$ 2. Hide and seek had been played by Jack.
3. Hide and seek was played by Jack.
$X 4$. Hide and seek is played by Jack.
Q. 14 Select the most appropriate meaning of the underlined idiom.

Even when the child accused the relative of inappropriate behaviour, the parents continued to play perfect hosts at the party instead of addressing the elephant in the room.
Ans
$X 1$. Punishing someone for inappropriate behaviour
$X$ 2. Revealing the secrets
3. A big problem everyone is ignoring or afraid to talk about
4. Ignoring someone who seeks attention through false stories
Q. 15 Select the option that can be used as a one-word substitute for the given group of words. A group of worshippers
Ans
X 1. Constellation
2. Congregation
$X$ 3. Caravan
$X 4$. Posse
Q. 16 Select the most appropriate synonym of the underlined word in the following sentence. Ideas are present in the consciousness, which when released and given scope to grow and take shape, can lead to successful events.

Ans
$X$ 1. thoughtlessness
2. awareness

X 3. negligence
$\times 4$. ignorance
Q. 17 Select the sentence that uses the idiom correctly.

Ans $\quad \times 1$. Trees shed their leaves under the weather.
$\times$ 2. Reena was walking on the lawn under the weather.
3. She missed the exam as she felt under the weather.
$X 4$. Flowers bloom under the weather.

## Q. 18 Select the INCORRECTLY spelt word.

Ans
X 1. Extracted
2. Extacted

X 3. Acceptable
X 4. Expected
Q. 19 Select the option that can be used as a one-word substitute for the given group of words.

A happy development or happening of events by chance.
Ans
$X 1$. Suddenly
2. Serendipity
$X$ 3. Occurrence
X 4. Incident
Q. 20 Select the INCORRECTLY spelt word.

Ans
$X 1$. Grandeur
2. Ostacise

X 3. Necessitate
X 4. Impoverish
Q. 21 Select the most appropriate synonym of the given word.

Lethal
Ans

- 1. Deadly

X 2. Slimy
X 3. Drowsy
X4. Noisy
Q. 22 Select the most appropriate meaning of the underlined idiom.

He was beaming from ear to ear.
Ans
Х 1. Criticising bitterly
2. Smiling broadly

X 3. Playing
>4. Working
Q. 23 Select the most appropriate ANTONYM of the underlined word.

My teacher asked me to compress the file.
Ans

1. Enlarge

X 2 . Search
X 3. Trace
X4. Turn
Q. 24 Select the most appropriate synonym of the given word. Addicted

Ans

1. Inclined

X 2. Disinclined
X 3. Averse
X 4. Unaccustomed
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Q. 25 Select the INCORRECTLY spelt word in the following sentence.

Rajib is not only an extremely reputed conoisseur of art but also a successful entrepreneur.
Ans
$X 1$. entrepreneur
$X$ 2. reputed
X 3. successful

- 4. conoisseur
Q. 26 Select the most appropriate option to fill in the blank.

James Bernard was undoubtedly one of the greatest elocutionists of the world. Everyone agreed that he possessed the $\qquad$ .
Ans $\quad \times 1$. curtain lecture
$X 2$. fourth estate
3. gift of the gab
$X 4$. yellow press
Q. 27 Select the most appropriate option to fill in the blank.

After a tiring day, the workers decided to $\qquad$ to restore their energy.
Ans
$X 1$. put a spoke in the wheel
2. hit the sack
$X$ 3. bring to book
$\times 4$. have an axe to grind
Q. 28 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.
His cellphone is / different and costlier / than mine.
Ans
$X 1$. than mine
X 2. No error
3. different and costlier
$X 4$. His cellphone is
Q. 29 Select the most appropriate option that can substitute the underlined segment in the given sentence.
You can ask Mr. Dinakar for anything; he would give you the shirt off his back.
Ans

1. is willing to do anything to help another person
$\times 2$. is a person who makes the decisions
$X 3$. is a person who is arrogant
2. is a person who is selfish
Q. 30 Select the most appropriate synonym of the underlined word.

The discovery of treasure under the Bermuda Triangle is probably a hoax.
Ans
$X 1$. Bonanza
$X$ 2. Delusion
X 3. Analogy
4. Trick
Q. 31 Select the most appropriate synonym of the highlighted word.

He imputes his ability to play great football to an inspirational coach.
Ans

1. attributes
$X$ 2. amputates
X 3. contributes
$\times 4$. validates
Q. 32 Select the most appropriate ANTONYM of the given word. Rife

Ans

1. Scarce
$X$ 2. Serene
$X$ 3. Ripe
X 4. Popular
Q. 33 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The ship sank because the engineer has not called for help.
Ans
Х 1. did not called for help
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X 2. will not call for help
X 3. was not call for help
4. did not call for help
Q. 34 Select the most appropriate synonym of the underlined word.

Their vision was very clear: if Indians were to play a meaningful role in the community of nations, they must be second to none in the application of advanced technologies to their real-life problems.
Ans
X 1. mistreatment
X 2. misuse
3. implementation

X4. corruption
Q. 35 Select the option that expresses the given sentence in active voice.

The villain of the play was hated by the audience.
Ans
$X 1$. The audience was hating the villain of the play.
$\times 2$. The villain hated the audience of the play.
3. The audience hated the villain of the play.
$\times 4$. The audience had hated the villain of the play.
Q. 36 Select the INCORRECTLY spelt word.

Ans
X 1. Aquatic
X 2. Notorious
3. Centinarian

X 4. Mercenary
Q. 37 Select the most appropriate idiom that can substitute the italicised words in the given sentence.

You get a good and comprehensive idea of the town from the clock tower situated in the centre of the town.

Ans
X 1. blind date
2. bird's eye view

Х 3. blind alley
X 4. body and soul
Q. 38 Select the most appropriate meaning of the given idiom.

At sea
Ans
X 1. To blunder
X 2. Obsolete
3. At a loss or perplexed

X4. To overcome
Q. 39 Select the most appropriate meaning of the underlined idiom.

Some colleagues at a workplace are really hard nuts to crack.
Ans
X 1. Hardcore traditions in a family
2. An inflexible person who is hard to convince

X 3. An easy-goer who can be easily convinced
X 4. Someone showing extra concern over little things
Q. 40 Select the most appropriate ANTONYM of the given word.

Novel
Ans
X1. Ancient
X 2. Formal
3. Traditional

X 4. Customary

## Comprehension:

Read the given passage and answer the questions that follow.
It is not an exaggeration to say that the question of where and when the Black Death, the deadliest pandemic ever, originated is one of the biggest mysteries in human history. After all, the Black Death was the first wave of the second plague pandemic of the 14th to early 19th centuries. It killed some $50-60 \%$ of the population in Europe, the Middle East and North Africa and an unaccountable number of people in Central Asia.
Different proposals, based on competing theories, have been put forward. But in 2017, I came across some records describing an intriguing medieval cemetery in Kara-Djigach, Chüy Valley, northern Kyrgyzstan, which I suspected may hold the key. As part of a multidisciplinary team co-led by Maria Spyrou at University of Tubingen, we have now investigated several specimens from individuals buried at that site - and come up with an answer.
The idea that the Black Death originated in the east - territories overlapping, roughly speaking, Central Asia, Mongolia and China - dates back to the contemporaries of the pandemic in Europe and the Islamic world. The modern, academic Chinese origin theory dates back to at least to in 1756-8 and a publication about the history of Central Asia by French scholar Joseph de Guignes.

## SubQuestion No : 41

## Q. 41 How does the passage describe Black Death?

Ans $\times 1$. The specimen of human evolution and its evidence
2. The first wave of the second plague pandemic
$X 3$. The initiator of all the future pandemics
4. The worst specimen of human created tragedy

## Comprehension:

Read the given passage and answer the questions that follow.
It is not an exaggeration to say that the question of where and when the Black Death, the deadliest pandemic ever, originated is one of the biggest mysteries in human history. After all, the Black Death was the first wave of the second plague pandemic of the 14th to early 19th centuries. It killed some $50-60 \%$ of the population in Europe, the Middle East and North Africa and an unaccountable number of people in Central Asia.
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SubQuestion No : 42
Q. 42 Which of the following may be the probable origin of Black Death, according to the passage?

Ans
$X$ 1. China
X 2. India
X 3. Mongolia
4. Kyrgyzstan

## Comprehension:

Read the given passage and answer the questions that follow.
It is not an exaggeration to say that the question of where and when the Black Death, the deadliest pandemic ever, originated is one of the biggest mysteries in human history. After all, the Black Death was the first wave of the second plague pandemic of the 14th to early 19th centuries. It killed some $50-60 \%$ of the population in Europe, the Middle East and North Africa and an unaccountable number of people in Central Asia.
Different proposals, based on competing theories, have been put forward. But in 2017, I came across some records describing an intriguing medieval cemetery in Kara-Djigach, Chüy Valley, northern Kyrgyzstan, which I suspected may hold the key. As part of a multidisciplinary team co-led by Maria Spyrou at University of Tubingen, we have now investigated several specimens from individuals buried at that site - and come up with an answer.
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SubQuestion No : 43
Q. 43 What is the tone of the speaker?

Ans
$X 1$. Pessimistic
$X$ 2. Humorous
3. Explanatory

X 4. Informal

## Comprehension:

Read the given passage and answer the questions that follow.
It is not an exaggeration to say that the question of where and when the Black Death, the deadliest pandemic ever, originated is one of the biggest mysteries in human history. After all, the Black Death was the first wave of the second plague pandemic of the 14th to early 19th centuries. It killed some $50-60 \%$ of the population in Europe, the Middle East and North Africa and an unaccountable number of people in Central Asia.
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The idea that the Black Death originated in the east - territories overlapping, roughly speaking, Central Asia, Mongolia and China - dates back to the contemporaries of the pandemic in Europe and the Islamic world. The modern, academic Chinese origin theory dates back to at least to in 1756-8 and a publication about the history of Central Asia by French scholar Joseph de Guignes.

SubQuestion No : 44
Q. 44 What is the theme of the passage?
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Ans

1. Origin of Black Death

X 2. Impact of Black Death
$X$ 3. History of Black Death
X 4. Pitfall of Black Death

## Comprehension:

Read the given passage and answer the questions that follow.
It is not an exaggeration to say that the question of where and when the Black Death, the deadliest pandemic ever, originated is one of the biggest mysteries in human history. After all, the Black Death was the first wave of the second plague pandemic of the 14th to early 19th centuries. It killed some $50-60 \%$ of the population in Europe, the Middle East and North Africa and an unaccountable number of people in Central Asia.
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SubQuestion No : 45
Q. 45 Select the suitable word given in the passage which means 'areas of land under the jurisdiction of a ruler or state'.
Ans
$X 1$. Contemporaries
$\times$ 2. Population
X 3. Mysteries
4. Territories

## 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.
All elephants (1) $\qquad$ several distinctive features, the most notable of which is a long trunk or proboscis, used for many (2) $\qquad$ particularly breathing, lifting water and grasping objects. Their incisors grow (3) $\qquad$ tusks, which can serve as weapons and as tools for moving objects and digging. Elephants' large ear flaps help to control their body temperature. Their pillar-like legs (4) $\qquad$ carry their great weight. African elephants have larger ears and concave backs while Asian elephants have smaller ears and convex or level backs. One of the biggest threats to elephant populations is the ivory trade, as the animals are poached for their ivory tusks. Other threats to (5) $\qquad$ elephants include habitat destruction and conflicts with local people. Elephants are used as working animals in Asia. In the past they were used in war; today, they are often put on display in zoos and circuses.

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

Ans
$X 1$. has
$X$ 2. had
$X$ 3. will have
4. have

## 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.
All elephants (1) $\qquad$ several distinctive features, the most notable of which is a long trunk or proboscis, used for many (2) $\qquad$ , particularly breathing, lifting water and grasping objects. Their incisors grow (3) $\qquad$ tusks, which can serve as weapons and as tools for moving objects and digging. Elephants' large ear flaps help to control their body temperature. Their pillar-like legs (4) $\qquad$ carry their great weight. African elephants have larger ears and concave backs while Asian elephants have smaller ears and convex or level backs.
One of the biggest threats to elephant populations is the ivory trade, as the animals are poached for their ivory tusks. Other threats to (5) $\qquad$ elephants include habitat destruction and conflicts with local people. Elephants are used as working animals in Asia. In the past they were used in war; today, they are often put on display in zoos and circuses.

SubQuestion No: 47

## Q. 47 Select the most appropriate option to fill in blank number 2.

Ans
$\times 1$. capacities
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$X 2$. means
3. purposes
$X 4$. schemes

## 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. All elephants (1) $\qquad$ several distinctive features, the most notable of which is a long trunk or proboscis, used for many (2) $\qquad$ particularly breathing, lifting water and grasping objects. Their incisors grow (3) $\qquad$ tusks, which can serve as weapons and as tools for moving objects and digging. Elephants' large ear flaps help to control their body temperature. Their pillar-like legs (4) $\qquad$ _ carry their great weight. African elephants have larger ears and concave backs while Asian elephants have smaller ears and convex or level backs. One of the biggest threats to elephant populations is the ivory trade, as the animals are poached for their ivory tusks. Other threats to (5) $\qquad$ elephants include habitat destruction and conflicts with local people. Elephants are used as working animals in Asia. In the past they were used in war; today, they are often put on display in zoos and circuses.

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

Ans $\times 1$.too
$\times 2$. for
$X$ 3. towards
4. into

## 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.
All elephants (1) $\qquad$ several distinctive features, the most notable of which is a long trunk or proboscis, used for many (2) $\qquad$ , particularly breathing, lifting water and grasping objects. Their incisors grow (3) $\qquad$ tusks, which can serve as weapons and as tools for moving objects and digging. Elephants' large ear flaps help to control their body temperature. Their pillar-like legs (4) $\qquad$ carry their great weight. African elephants have larger ears and concave backs while Asian elephants have smaller ears and convex or level backs.
One of the biggest threats to elephant populations is the ivory trade, as the animals are poached for their ivory tusks. Other threats to (5) $\qquad$ elephants include habitat destruction and conflicts with local people. Elephants are used as working animals in Asia. In the past they were used in war; today, they are often put on display in zoos and circuses.

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

Ans
$X 1$. would
$X$ 2. should
*.can
X 4. could

## 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. All elephants (1) $\qquad$ several distinctive features, the most notable of which is a long trunk or proboscis, used for many (2) $\qquad$ particularly breathing, lifting water and grasping objects. Their incisors grow (3) $\qquad$ tusks, which can serve as weapons and as tools for moving objects and digging. Elephants' large ear flaps help to control their body temperature. Their pillar-like legs (4) $\qquad$ carry their great weight. African elephants have larger ears and concave backs while Asian elephants have smaller ears and convex or level backs. One of the biggest threats to elephant populations is the ivory trade, as the animals are poached for their ivory tusks. Other threats to (5) $\qquad$ elephants include habitat destruction and conflicts with local people. Elephants are used as working animals in Asia. In the past they were used in war; today, they are often put on display in zoos and circuses.

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

Ans
X 1. tame
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$X$ 2. elegant
3. wild
$X$ 4. dangerous

