

Section : General Intelligence and Reasoning

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



Ans

✓ 1.



11/11/2022  
9AM-11AM

✗ 2.



✗ 3.



✗ 4.



- Q.2 **A # B** means 'A is the mother of B'  
**A @ B** means 'A is the sister of B'  
**A & B** means 'A is the husband of B'  
**A % B** means 'A is the wife of B'  
If **W & Q @ T # Y @ M % K**, then how is K related to T?

Ans

✗ 1. Brother

✓ 2. Daughter's husband

✗ 3. Son

✗ 4. Wife's brother

Q.3 In a certain code language, 'TROUBLE' is written as '93' and 'COMMUTE' is written as '90'. How will 'FRACTION' be written in that language?

Ans  1. 76

2. 86

3. 96

4. 56

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Q.4 Select the number from among the given options that can replace the question mark (?) in the following series.  
10, 15, 19, 22, ?, 25

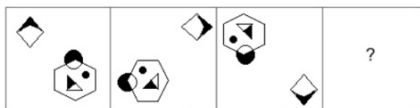
Ans  1. 20

2. 23

3. 24

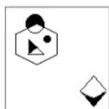
4. 27

Q.5 Select the figure that will replace the question mark (?) in the following figure series.

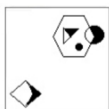


Ans

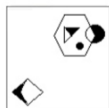
X 1.



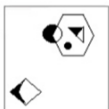
X 2.



✓ 3.



X 4.



Q.6 Mohan's house faces south. He steps out of his house and goes straight for 30 m. From there, he takes two successive right turns and covers a distance of 6 m and 24 m, respectively. Finally, he takes a left turn and walks a distance of 2 m to reach a grocery shop. What is the shortest distance between his house and the grocery shop?

Ans X 1. 12 m

X 2. 8 m

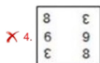
✓ 3. 10 m

X 4. 6 m

Q.7 Select the correct mirror image of the given figure when the mirror is placed at line PQ as shown.



Ans



Q.8 If + means -, - means ×, × means ÷, and ÷ means +, what will be the value of the following expression?

$$20 \div 2 + 4 - 8 \times 4 = ?$$

Ans

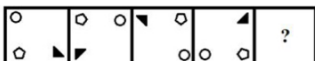
✗ 1. 8

✗ 2. 4

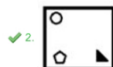
✗ 3. 10

✓ 4. 14

Q.9 Select the figure that will come in place of the question mark (?) in the following figure series.



Ans





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Q.10 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 sixth term is related to fifth term.

4 : 18 :: 12 : ? :: 7 : 51

- Ans
- 1. 144
  - 2. 142
  - 3. 148
  - 4. 146

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Q.11 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
- 1. XVSO
  - 2. MKHD
  - 3. JHFA
  - 4. NLIE

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Q.12 Ritu drives 2 km towards south from point A. She takes a right turn and drives 2 km more. She again takes a right turn and drives 2 km. Finally, she takes one more right turn and drives 4 km to reach point B. How far and towards which direction should she drive in order to reach point A again?

- Ans
- 1. 3 km towards north
  - 2. 2 km towards south
  - 3. 3 km towards east
  - 4. 2 km towards west

---

Q.13 If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will come in place of '?' in the following equation?  
16 D 2 B 9 C 15 A 32 = ?

- Ans
- 1. 89
  - 2. 97
  - 3. 93
  - 4. 99
-

Q.14 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.)

(5, 60, 70)

(9, 108, 126)

Ans  1. (8, 84, 112)

2. (6, 72, 74)

3. (7, 84, 98)

4. (4, 48, 52)

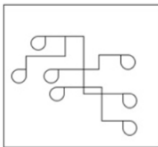
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Q.15 Select the option in which the given figure is embedded (rotation is NOT allowed).

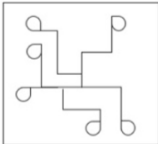


Ans

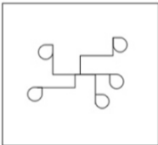
1.



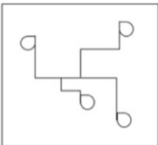
2.



3.



4.



Q.16 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

s \_ t r m \_ \_ \_ h \_ \_ m m k \_ h t \_ \_ m k

Ans  1. hmkstrsr m

2. hmkstrs m r

3. hmkstrs m m

4. hkmstrs m m

Q.17 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

\_ EF \_ E \_ EE \_ \_ EF

Ans  1. EEFEF

2. EEFFE

3. FEFEF

4. FEFFE

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Q.18 If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', then what will be the value of the following expression?  
67 C 45 A 12 D 6 B 2

Ans  1. 22

2. 24

3. 26

4. 23

Q.19 Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some mobiles are tablets.

All tablets are laptops.

Conclusions:

I. Some laptops are mobiles.

II. Some mobiles are laptops.

III. All mobiles are laptops.

Ans  1. Only conclusions II and III follow

2. All of the conclusions follow

3. Only conclusions I and II follow

4. Only conclusions I and III follow

Q.20 If M denotes '-', N denotes '+', O denotes '×', and P denotes '÷', then what will come in place of '?' in the following equation?

$(\sqrt{169} \text{O} \sqrt{25}) \text{P} 48 \text{N} 4 \text{M} 21 \text{P} 32 = ?$

Ans  1. 86

2. 88

3. 92

4. 90

Q.21 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



Ans



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Q.22 Which of the following numbers will replace the question mark (?) in the given series?  
131, 1179, 1171, ?, 8191

- Ans
- ✗ 1. 8199
  - ✗ 2. 8287
  - ✓ 3. 8197
  - ✗ 4. 8289

Q.23 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)  
Worried : Anxious :: At ease : ?

- Ans
- ✗ 1. Perturbed
  - ✓ 2. Calm
  - ✗ 3. Distraught
  - ✗ 4. Bothered

Q.24 Eight people are sitting in two parallel rows with 4 people each in such a way that there is equal distance between adjacent persons. P, Q, R and S are seated in the same row facing south. L, M, N and O are seated in the same row facing north. L sits to the extreme left of the row and faces R who sits exactly opposite him. P sits second to the left of R and is exactly opposite O. M sits at the extreme right of their row and is exactly opposite S. Who sits exactly opposite Q?

- Ans
- ✗ 1. O
  - ✗ 2. M
  - ✗ 3. L
  - ✓ 4. N

Q.25 'V + W' means 'V is the sister of W'  
'V - W' means 'V is the father of W'  
'V \* W' means 'V is the mother of W'  
'V ÷ W' means 'V is the brother of W'  
If 'J + C \* K - M', how is J related to K?

- Ans  1. Maternal aunt  
 2. Brother  
 3. Mother  
 4. Sister

Q.26 Six students are sitting around a circular table facing the centre. Bobby is an immediate neighbour of both Aryan and Kusum. Simran is an immediate neighbour of both Asviya and Sheethal. Kusum is an immediate neighbour of both Bobby and Asviya. Sheethal is an immediate neighbour of both Aryan and Simran. Who is sitting third to the left of Sheethal?

- Ans  1. Kusum  
 2. Bobby  
 3. Asviya  
 4. Aryan

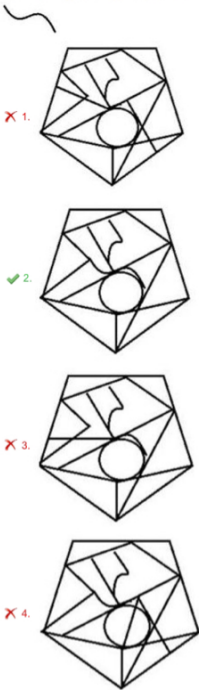
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Q.27 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- Ans  1. ROL  
 2. PSM  
 3. RUO  
 4. VYS

Q.28 Select the option figure in which the given figure is embedded (rotation is NOT allowed).

Ans



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Q.29 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)

Physiology : Human body

- Ans
- ✗ 1. Anthropology : Dinosaurs
  - ✓ 2. Petrology : Rocks
  - ✗ 3. Ornithology : Insects
  - ✗ 4. Entomology : Birds

Q.30 In a code language, 'sign up for sports' is written as 'kri rit vin gab', 'the sign post fell' is written as 'pri dan rit nei', 'the post is closed' is written as 'dan sha fal pri'. What is the code for the word 'fell' in this language?

- Ans
- ✗ 1. fal
  - ✗ 2. rit
  - ✗ 3. pri
  - ✓ 4. nei

Q.31 Three different positions of the same dice are shown. Find the number on the face opposite the face showing '4'.

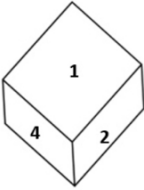


Figure 1

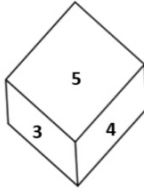


Figure 2

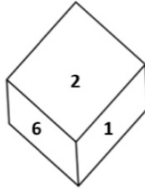


Figure 3

- Ans
- 1. 1
  - 2. 3
  - 3. 2
  - 4. 6

Q.32 Two Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All trees are rocks.

All rocks are cups.

Conclusions:

I. All trees are cups.

II. Some cups are trees.

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- Ans
- 1. Both conclusions I and II follow.
  - 2. Only conclusion II follows.
  - 3. Neither conclusion I nor II follows
  - 4. Only conclusion I follows.

Q.33 Which letter cluster will replace the question mark (?) to complete the given series?  
ZXVY, DXZY, ?, LXHY, PXYL

- Ans
- 1. HYDY
  - 2. HXDY
  - 3. HDXY
  - 4. HZDY

Q.34 Two different positions of the same dice are shown, the six faces of which are numbered from 1 to 6. Select the number that will be on the face opposite to the one showing '5'.



- Ans
- 1. 4
  - 2. 6
  - 3. 2
  - 4. 1

Q.35 If 31 January 2022 was a Monday, what was the day on the same date 100 years ago?

- Ans
- 1. Monday
  - 2. Wednesday
  - 3. Sunday
  - 4. Tuesday

Q.36 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.)

(82, 75, 66)  
(69, 62, 53)

- Ans
- 1. (21, 16, 9)
  - 2. (36, 28, 21)
  - 3. (49, 52, 35)
  - 4. (61, 54, 45)

Q.37 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



- Ans
- 1. G E Λ 1 r d
  - 2. θ 3 7 y r d
  - 3. θ E 7 y r d
  - 4. θ E 7 y r h

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Q.38 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

\_ s t \_ \_ l b z \_ t m m \_ \_ z s \_ \_ m l b

- Ans
- 1. z m m s l b m t
  - 2. z m i s l b m t
  - 3. z m m s b l t m
  - 4. z m m s l b t m

Q.39 Which of the following numbers will replace the question mark (?) in the given series?

25, 29, 36, 49, 71, ?

- Ans
- 1. 106
  - 2. 103
  - 3. 108
  - 4. 105



Q.40 Which two signs should be interchanged to make the given equation correct?

$$192 \times 16 + 9 - 8 \div 2 = 5$$

- Ans
- 1. + and -
  - 2.  $\times$  and -
  - 3. + and +
  - 4.  $\times$  and +

Q.41 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

$$213 * 67 * 119 * (248 * 31) * 169$$

- Ans
- 1.  $\times, -, =, +, +$
  - 2.  $+, -, +, +, =$
  - 3.  $+, -, =, -, \times$
  - 4.  $-, +, =, -, \times$

Q.42 Which of the following numbers will replace the question mark (?) in the given series?

85, 64, 51, 44, 41, ?

- Ans
- 1. 40
  - 2. 38
  - 3. 39
  - 4. 37

Q.43 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Finger
2. Hand
3. Arm
4. Nail
5. Body

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

Q.44 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statement :

Some Sofas are Chair.

Some Chairs are Tables.

All Tables are Beds.

Conclusions:

(I) Some Sofas are Tables.

(II) Some Chairs are Beds.

(III) Some Beds are Sofas.

Ans  1. Only Conclusion II follows.

2. Both Conclusions I and III follow.

3. Both Conclusions II and III follow.

4. Only Conclusion I follows.

Q.45 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.)

(241, 230, 189)

(218, 250, 232)

Ans  1. (197, 233, 190)

2. (158, 194, 182)

3. (174, 212, 166)

4. (276, 260, 184)

Q.46 Select the Venn diagram that best illustrates the relationship between the following classes.

Asia, India, Pakistan

Ans



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



- Ans
- 1. e 7 b E g f
  - 2. e 7 b E g f
  - 3. e 7 p E g f
  - 4. f g 3 d 7 e

Q.48 Which letter-cluster will replace the question mark (?) to complete the given series?  
WGPR, UDLM, ?, QXDC, OUZX

- Ans
- 1. TBFG
  - 2. UCHF
  - 3. SAHH
  - 4. TAHG

Q.49 In a certain code language, 'DRAFT' is written as 'GUDIW' and 'LIMIT' is written as 'OLPLW'. How will 'MAJOR' be written in that language?

- Ans
- 1. OBMRT
  - 2. PDMRU
  - 3. QCNQT
  - 4. QBWRU

Q.50 Select the correct combination of mathematical signs to sequentially replace the \* signs and to balance the given equation.

$$(440 * 11) * 85 * 57 * (34 * 3)$$

- Ans
- 1. +, -, =, -, x
  - 2. +, -, =, +, +
  - 3. +, x, =, +, +
  - 4. x, =, -, +, +

Section : General Knowledge and General Awareness

Q.1 What is the ratio by mass of nitrogen and hydrogen in ammonia?

- Ans
- 1. 14 : 1
  - 2. 11 : 1
  - 3. 14 : 3
  - 4. 11 : 3

Q.2 In which town The Supreme Court was established for the First time under the Regulating Act of 1773?

- Ans
- 1. Calcutta
  - 2. Assam
  - 3. Madras
  - 4. New Delhi

Q.3 Who founded the Asiatic Society of Bengal in 1784?

- Ans
- 1. Sir William Jones
  - 2. Lord Macaulay
  - 3. Lord Cornwallis
  - 4. Warren Hastings

Q.4 Which of the following is NOT a tributary of the Krishna river?

- Ans
- 1. Koyna
  - 2. Panchganga
  - 3. Ghataprabha
  - 4. Veena

Q.5 Who among the following cricketers was the highest run scorer in the T20 Men's World Cup Cricket 2021?

- Ans
- 1. Josh Butler
  - 2. Babar Azam
  - 3. Rohit Sharma
  - 4. Virat Kohli

Q.6 Constitution Review Commission chaired by \_\_\_\_\_ recommended some initiatives to be taken by the government for successful implementation of Fundamental Duties.

- Ans
- 1. UC Banerjee
  - 2. PK Joshi
  - 3. MN Venkatachaliah
  - 4. Michael G Aguinaldo

Q.7 Which of the following is NOT a revenue receipt by the government?

- Ans
- 1. Dividends and profits on investments made by the government
  - 2. Fees and other receipts for services rendered by the government
  - 3. Cash grants-in-aid from foreign countries and international organisations
  - 4. Sale of government assets

Q.8 Which of the following is a unitary feature of the Indian Constitution?

- Ans
- 1. Single Citizenship
  - 2. Rigidity
  - 3. Distribution of Power
  - 4. Written Constitution

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Q.9 Who was the Prime Minister when Right to Property was scrapped as a Fundamental Right?

- Ans
- 1. Charan Singh
  - 2. Jawaharlal Nehru
  - 3. Indira Gandhi
  - 4. Morarji Desai

Q.10 Khelo India University Games – 2021 were hosted by

- Ans
- 1. Telangana
  - 2. Kerala
  - 3. Karnataka
  - 4. Tamil Nadu

Q.11 The cold snow forest climate is found largely in the continental region in the Northern Hemisphere between \_\_\_\_\_ northern latitudes in Europe, Asia and North America

- Ans
- 1. 80°-110°
  - 2. 15°-20°
  - 3. 40°-70°
  - 4. 30°-50°

Q.12 In which of the following battles, did the founder of the Mughal Empire, Babur, use cannon and ammunition effectively for the first time in India?

- Ans
- 1. Battle of Ghaghra
  - 2. First Battle of Panipat
  - 3. Battle of Chanderi
  - 4. Battle of Khanwa

Q.13 **Article 76 of the Constitution of India deals with the office of the:**

- Ans  1. Attorney General of India  
 2. UPSC  
 3. Finance Commission  
 4. Election Commission

Q.14 **In the Indian political system, the real executive power is vested in:**

- Ans  1. the Vice President  
 2. the Prime Minister and his Council of Ministers  
 3. the President  
 4. the Governor

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Q.15 **Which of the following is odourless, tasteless and non-toxic, and is made up of 93.05% methane, nitrogen, carbon dioxide, propane and traces of ethane?**

- Ans  1. Gobar gas  
 2. CNG  
 3. Chlorine  
 4. LPG

Q.16 **What is the reason behind most people working in the agricultural sector?**

- Ans  1. Other sectors do not absorb people from agriculture  
 2. People get higher returns in agriculture  
 3. Due to political pressure  
 4. Most of the people are interested in working in agriculture

Q.17 **Which of the following factors are responsible for railways having not developed much in the north-eastern parts of India?**

- 1) Highly dissected topography
- 2) Dense forests
- 3) Low population density
- 4) Heavy rainfall and frequent flooding

- Ans  1. 1, 2 and 3  
 2. 1, 2 and 4  
 3. Only 3 and 4  
 4. Only 2 and 3

Q.18 **Which thin flexible barrier separates the internal environment of the cell from the extracellular fluid?**

- Ans  1. Cytoplasmic membrane  
 2. Restriction barrier  
 3. Nuclear envelope  
 4. Plasma membrane

Q.19 Which state shows the highest literacy rate, according to Census of India 2011?

- Ans
- 1. Mizoram
  - 2. Karnataka
  - 3. Kerala
  - 4. Maharashtra

Q.20 What is the approximate height (in metres) of the Qutub Minar situated in Delhi?

- Ans
- 1. 71
  - 2. 73
  - 3. 75
  - 4. 77

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Q.21 Which Bahmani ruler granted the title of 'Chief of the Merchants' or Malikut-Tujjar to Mahmud Gawan?

- Ans
- 1. Alauddin Hasan Bahman Shah
  - 2. Feroz Shah
  - 3. Humayun Shah
  - 4. Muhammad Shah

Q.22 The Bankruptcy Legislative Reforms Committee (BLRC) was set up in which of the following years?

- Ans
- 1. 2010
  - 2. 2012
  - 3. 2014
  - 4. 2009

Q.23 Which is NOT correct about India's Prime Minister?

- Ans
- 1. He is the leader of the majority party in Lok Sabha.
  - 2. He is appointed by the President of India.
  - 3. He can be removed if a no confidence motion is passed by both the Houses of Parliament with 2/3rd majority.
  - 4. He is the head of the government.

Q.24 Who was credited with discovering the hydrogen isotope, or heavy hydrogen, for which he later received the 1934 Nobel Prize in Chemistry?

- Ans
- 1. Francis William Aston
  - 2. Glenn Theodore Seaborg
  - 3. Harold C Urey
  - 4. Fritz Haber

Q.25 Which of the following equation of motion is correct?

I.  $v = (u/2) + at$

II.  $s = 2ut + at^2$

Ans  1. Neither I nor II

2. Only I

3. Only II

4. Both I and II

Q.26 Nuts, vegetable oil and fish are rich sources of \_\_\_\_\_.

Ans  1. Omega-3

2. carbohydrates

3. vitamins

4. minerals

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Q.27 Thaipusam festival is celebrated in which of the following Indian states?

Ans  1. Tamil Nadu

2. Kerala

3. Arunachal Pradesh

4. Assam

Q.28 In 1342, one of the nobles, Haji Ilyas Khan united Bengal and became its ruler under the title of \_\_\_\_\_ and laid the foundation of the Ilyas Shah dynasty.

Ans  1. Sultan Abu al-Mujahid

2. Sultan Sayf ad-Din

3. Shamsh-ud-din Ilyas Shah

4. Ghiyasuddin Azam

Q.29 "There are holes or 'pores', all over the body. They are commonly called sponges, and are mainly found in marine habitats."

The above statement signifies which of the following phylum?

Ans  1. Platyhelminthes

2. Ctenophora

3. Porifera

4. Annelida

Q.30 The study of the structure, evolution and dynamics of Earth and its natural mineral and energy resources is called:

Ans  1. geometry

2. geophysics

3. geography

4. geology



Q.31 According to the 2011 census, which Indian state has the highest sex ratio?

- Ans
- 1. Meghalaya
  - 2. Kerala
  - 3. Tamil Nadu
  - 4. Manipur

Q.32 Mahavir Jayanti is a major festival of the \_\_\_\_\_.

- Ans
- 1. Buddhists
  - 2. Parsis
  - 3. Jains
  - 4. Sikhs

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Q.33 Mallika Sarabhai was honoured by the \_\_\_\_\_ government with Chevalier des Palmes Academiques 2005.

- Ans
- 1. Swiss
  - 2. French
  - 3. Belgian
  - 4. Canadian

Q.34 What is NOT a goal of Five-Year Plans?

- Ans
- 1. High Population Growth
  - 2. Self- Reliance
  - 3. High GDP Growth
  - 4. Equal benefits to all the people

Q.35 Annapurna Devi, who was awarded the Padma Bhushan, was a famous player of which of the following instruments?

- Ans
- 1. Sarod
  - 2. Santoor
  - 3. Surbahar
  - 4. Veena

Q.36 Fusion of two gametes dissimilar in size, as in species of Eudorina is termed as \_\_\_\_\_.

- Ans
- 1. anisogamous
  - 2. isogamous
  - 3. oogamous
  - 4. zoogamous

Q.37 Which of the following are the two popular folk dances of Gujarat performed during Navratri?

- Ans
- 1. Gheriya Nritya and Madari Dance
  - 2. Aagva Nritya and Kaakda Nritya
  - 3. Garba and Dandiya
  - 4. Sword Dance and Aaleni-Haleni

Q.38 The Sabri brothers, Aziz Warsi and Nusrat Fateh Ali Khan are associated with which singing style?

- Ans
- 1. Bhatiali
  - 2. Shabad
  - 3. Bhajan
  - 4. Qawwali

Q.39 The Anushilan Samiti was active in which part of the Indian subcontinent in the 20<sup>th</sup> century?

- Ans
- 1. Bengal
  - 2. Bombay
  - 3. Punjab
  - 4. Madras

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Q.40 Who among the following was a famous sitar player?

- Ans
- 1. Raja Khan
  - 2. Hari Prasad Chaurasia
  - 3. Nikhil Banerjee
  - 4. Zakir Hussain

Q.41 Who founded the city of Agra?

- Ans
- 1. Babur
  - 2. Raja Bhoj
  - 3. Akbar
  - 4. Sikandar Lodi

Q.42 The members of a family of an element that all have the same number of protons but different numbers of neutrons are called:

- Ans
- 1. isotopes
  - 2. isotones
  - 3. isobars
  - 4. isotrones

Q.43 Read the given characteristic features of the Indian Desert. Which statement is NOT correct about the Indian Desert?

- Ans
- 1. It receives 500 mm rainfall per year.
  - 2. It has sand dunes.
  - 3. It is also known as Marusthali.
  - 4. It lies northwest of the Aravalli hills.

Q.44 How many times has India won gold in men's hockey at the Olympics?

- Ans
- 1. Four
  - 2. Eight
  - 3. Five
  - 4. Six

Q.45 Fugdi, a Goan folk dance performed in the Konkan region, is performed generally during which of the following Hindu religious festivals?

- Ans
- 1. Diwali
  - 2. Durga Puja
  - 3. Holi
  - 4. Ganesh Chaturthi

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Q.46 In which of the following countries was the 1979 Asian Wrestling Championships organised by the Asian Associated Wrestling Committee (AAWC) for the first time?

- Ans
- 1. Tehran, Iran
  - 2. Jalandhar, India
  - 3. Lahore, Pakistan
  - 4. Oarai, Japan

Q.47 One of the \_\_\_\_\_, the giant redwood tree Sequoia is one of the tallest tree species.

- Ans
- 1. gymnosperms
  - 2. pteridophytes
  - 3. liverworts
  - 4. mosses

Q.48 Fundamental Rights are protected and guaranteed by the \_\_\_\_\_ of the country.

- Ans
- 1. constitution
  - 2. government
  - 3. panchayats
  - 4. customs or usage

Q.49 **In 1785, who used the calibrated torsion balance to measure the force between electric charges?**

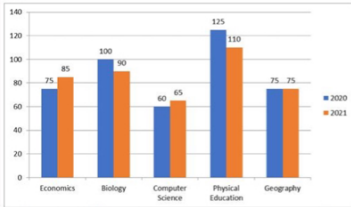
- Ans
- 1. RA Millikan
  - 2. Charles Augustin Coulomb
  - 3. John Michell
  - 4. Hans Christian Oersted

Q.50 **Which of the following festivals is celebrated in Jharkhand during the spring season when the saal trees wear new leaves?**

- Ans
- 1. Karam
  - 2. Sarhul
  - 3. Sohrai
  - 4. Jawa

Section : Quantitative Aptitude

Q.1 The following bar diagram shows the number of students who opted for the different subjects in the year 2020 and 2021.



Find the ratio of students opting Economics to students opting Physical Education in 2020.

- Ans
- 1. 3 : 5
  - 2. 3 : 7
  - 3. 5 : 7
  - 4. 5 : 9

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Q.2 A man spends 65% of his income. His income increases by 20% and his expenditure also increases by 10%. The percentage of increase in his savings is \_\_\_\_\_.

- Ans
- 1. 35.8%
  - 2. 38.5%
  - 3. 10%
  - 4. 20%

Q.3 If the sum of the diagonals of a rhombus is L and the perimeter is 4P, find the area of the rhombus?

- Ans
- 1.  $\frac{1}{4}(L^2 + 3P^2)$
  - 2.  $\frac{1}{4}(L^2 - 4P^2)$
  - 3.  $\frac{1}{2}(L^2 - 4P^2)$
  - 4.  $\frac{1}{4}(L^2 - P^2)$

Q.4 If a, b and c are positive integers such that  $a^2 + b^2 = 82$  and  $b^2 + c^2 = 65$ , then the value of  $2a + 7b - 3c$  is:

- Ans
- 1. 2
  - 2. 49
  - 3. 5
  - 4. 1

Q.5 The income of Raju is 25% more than that of Manju. Raju got a 25% rise in his income, and Manju got a 40% rise in his income, the percentage increase in their combined incomes is:

- Ans
- 1. 31.67%
  - 2. 41.26%
  - 3. 51.72%
  - 4. 22.43%

Q.6 A shopkeeper claims to sell his articles at ₹20 per kg which cost him ₹23 per kg. But while selling, he uses a false weight and gives only 800 gm instead of 1 kg. What is his profit percentage?

- Ans
- ✓ 1.  $8\frac{16}{23}\%$
  - ✗ 2.  $8\frac{14}{23}\%$
  - ✗ 3.  $8\frac{15}{23}\%$
  - ✗ 4.  $8\frac{17}{23}\%$

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Q.7 If a man goes from place A to B at a speed of 12 km/h and return at a speed of 18 km/h, then the average speed for the whole journey is:

- Ans
- ✗ 1. 6 km/h
  - ✗ 2. 30 km/h
  - ✓ 3.  $14\frac{2}{5}$  km/h
  - ✗ 4. 15 km/h

Q.8 Ravi buys salt at ₹16 per kg and sells it at ₹18 per kg. He also uses the weight of 900 gm instead of 1000 gm. What is Ravi's actual profit percentage?

- Ans
- ✗ 1.  $23\frac{11}{18}\%$
  - ✗ 2. 23%
  - ✗ 3. 20%
  - ✓ 4. 25%

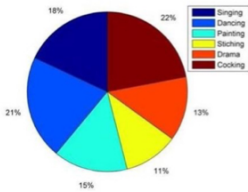
Q.9 If  $x(x-5) = -1$ , then the value of  $x^3(x^3 - 110) = ?$

- Ans
- ✗ 1. 0
  - ✓ 2. -1
  - ✗ 3. 1
  - ✗ 4. 2

Q.10 If the 9-digit number  $97x4562y8$  is divisible by 88, what is the value of  $(x^2 + y^2)$  for the smallest value of  $y$ , given that  $x$  and  $y$  are natural numbers?

- Ans
- ✗ 1. 64
  - ✗ 2. 76
  - ✓ 3. 80
  - ✗ 4. 68

Q.11 The given pie chart shows the percentage of students who enrolled in different hobby classes in a school. The number of students who enrolled in cooking classes is what percentage of those enrolled in dancing classes? (Rounded off to 2 digits after decimal)



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- Ans
- 1. 92.65%
  - 2. 105.56%
  - 3. 125.25%
  - 4. 104.76%

Q.12 Ramu had to select a list of numbers between 1 and 1000 (including both), which are divisible by both 2 and 7. How many such numbers are there?

- Ans
- 1. 642
  - 2. 97
  - 3. 142
  - 4. 71

Q.13 Simplify.

$$\cos(36^\circ - A) \cos(36^\circ + A) + \cos(54^\circ - A) \cos(54^\circ + A)$$

- Ans
- 1.  $\sin 2A$
  - 2.  $\sin A$
  - 3.  $\cos 2A$
  - 4.  $\cos A$

Q.14 The sum of the odd divisors of 216 is:

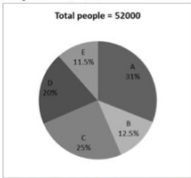
- Ans
- 1. 40
  - 2. 600
  - 3. 14
  - 4. 16

Q.15 If the arc of a circle of radius 30 cm has a length of 19 cm, then the angle (in degrees, rounded off to two decimal places) subtended at the centre of the circle is:

Take  $\pi = \frac{22}{7}$

- Ans
- 1. 51.25
  - 2. 46.25
  - 3. 36.27
  - 4. 16.27

- Q.16** The given pie chart represents the percentage of people in a city who are interested to buy the laptop of five different companies – A, B, C, D and E.



The number of people interested to buy company A's laptop is what percentage of the number of people interested to buy company D's laptop?

- Ans**
- 1. 150
  - 2. 155
  - 3. 135
  - 4. 125

- Q.17** If  $\cos A = \sin^2 A$ , and  $a \sin^{12} A + b \sin^{10} A + c \sin^8 A + \sin^6 A = 1$ , then  $a + b + c = ?$

- Ans**
- 1. 8
  - 2. 6
  - 3. 9
  - 4. 7

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- Q.18** Study the given table and answer the question that follows.

The distance travelled by two online-delivery employees during a week.

Day	Distance travelled (in km)	
	First	Second
Monday	200	250
Tuesday	300	400
Wednesday	200	350
Thursday	150	250
Friday	250	350
Saturday	350	100

Find the ratio of the total distance covered by the first employee during first three days and the last three days by the second employee.

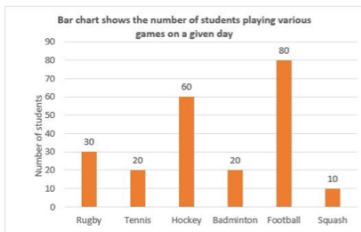
- Ans**
- 1. 3 : 1
  - 2. 2 : 1
  - 3. 1 : 1
  - 4. 1 : 2

- Q.19** If  $r = 55$ , then the value of  $r(r^2 + 3r + 3)$  is:

- Ans**
- 1. 175615
  - 2. 105000
  - 3. 176615
  - 4. 175616



- Q.20 The following bar chart shows the number of students playing various games on a given day. Study the bar chart carefully and answer the question that follows.



The average the number of students playing rugby, hockey, badminton and squash is what percentage of the average number of students playing tennis and football?

- Ans
- 1. 50 Percent
  - 2. 30 Percent
  - 3. 45 Percent
  - 4. 60 Percent

- Q.21 The following pie chart shows the population of 7 villages.



If the total population of all the villages together is 50,000, what is the population of village D?

- Ans
- 1. 9500
  - 2. 8500
  - 3. 9000
  - 4. 10000

- Q.22 If  $a + b = 10$  and  $ab = 9$ , then the value of  $a - b$  is:

- Ans
- 1. 5
  - 2. 6
  - 3. 8
  - 4. 7

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- Q.23 Find the LCM of 28 and 92.

- Ans
- 1. 644
  - 2. 464
  - 3. 161
  - 4. 322

Q.24 Find the value of the following expression.

$$\frac{\left[\frac{5}{8} - \left\{\frac{3}{8} - \left(\frac{5}{8} - \frac{3}{8}\right)\right\}\right] \text{ of } 8.8 - 1.2}{4\frac{1}{6} \div 2.5 \times 2 \div \frac{1}{6} \text{ of } 60 + \left(\frac{3}{4} - \frac{3}{8}\right)}$$

- Ans
- 1.  $5\frac{22}{43}$
  - 2.  $3\frac{23}{67}$
  - 3.  $4\frac{44}{85}$
  - 4.  $4\frac{4}{5}$

Q.25 What is the length of the longest rod that can be placed in a room of dimensions 12 m × 9 m × 8 m?

- Ans
- 1. 14 m
  - 2. 15 m
  - 3. 17 m
  - 4. 16 m

Q.26 Refer to the following table. Read the table and answer the question. Food grain Production in a country in 1999. (in lakh tons)

State	Rice	Wheat	Jowar	Pulses	Other
P	55	113	---	37	39
Q	58	96	83	29	25
R	69	42	77	24	41
S	51	47	69	31	25
T	47	32	51	23	21
U	78	25	22	---	28
V	67	18	17	22	20
W	48	38	41	32	55

What was the proportion of rice production to wheat production in the country?

- Ans
- 1. 411 : 422
  - 2. 322 : 311
  - 3. 418 : 422
  - 4. 473 : 411

Q.27 Due to pandemic, the population of a city reduces at the rate of 2% per annum. What will be its total population after 2 years if the present population of the city is 45,000?

- Ans
- 1. 44521
  - 2. 43218
  - 3. 41568
  - 4. 40538

**Q.28** A group of men committed to completing a task in 20 days. The work was completed in 40 days because 5 workers did not come for work. Determine the number of men who originally agreed to do the work.

- Ans
- 1. 10
  - 2. 18
  - 3. 15
  - 4. 12

**Q.29** A supermarket offers the following discount schemes for buyers.

I. Two successive discounts of 25% and 15%

II. Successive discount of 35% and 5%

III. A discount of 38%

Which offer is better for the customer?

- Ans
- 1. Either I or III
  - 2. Only II
  - 3. Only III
  - 4. Only I

**Q.30** In a race of 1200 m, Ram can beat Shyam by 200 m or by 20 sec. What must be the speed of Ram?

- Ans
- 1. 12 m/sec
  - 2. 14 m/sec
  - 3. 10 m/sec
  - 4. 16 m/sec

**Q.31** Rajkumar decides to sell his watch at a discount of 5%. However, his brother purchases it from him and receives an 8% discount. Raj loses Rs.45 in profit as a result of this. What was the watch's marked price?

- Ans
- 1. Rs.1,430
  - 2. Rs.1,410
  - 3. Rs.1,500
  - 4. Rs.1,560

**Q.32** The following table shows the data of different colleges whose students participated in the Olympiad.

Subjects	College A	College B	College C	College D	College E
Hindi	110	100	125	103	112
English	98	120	80	122	105
Maths	130	110	250	160	180
Science	100	100	150	200	80
GK	182	200	120	130	183

What is the percentage increase in the number of students who participated in the GK Olympiad to those who participated in the Science Olympiad from all colleges? (Correct to two decimals places.)

- Ans
- 1. 29.89%
  - 2. 29.37%
  - 3. 29.74%
  - 4. 29.01%

Q.33 Evaluate  $\frac{\sin 54^\circ}{\cos 36^\circ} + \frac{\sec 46^\circ}{\operatorname{cosec} 44^\circ}$

Ans  1. 2

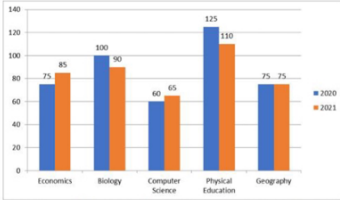
2. 1

3. -1

4. 0

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Q.34 The following bar diagram shows the number of students who opted for the different subjects in the year 2020 and 2021.



What is the sum of the total number of students who opted for different subjects in 2020 and only Geography in 2021?

Ans  1. 345

2. 510

3. 435

4. 150

Q.35 The value of  $\left[1\frac{2}{7} \times \left\{3\frac{1}{2} \div \left(\frac{1}{2} - \frac{1}{7}\right)\right\}\right] \div \left(4\frac{1}{5} \times 1\frac{1}{2}\right)$  is:

Ans  1.  $\frac{1}{3}$

2. 1

3.  $\frac{3}{4}$

4. 2

Q.36 The average height of three kids is 56 cm and their heights are in the proportion of 7 : 8 : 9. Find the heights of all the three.

Ans  1. 49 cm, 56 cm, 63 cm

2. 56 cm, 64 cm, 72 cm

3. 35 cm, 40 cm, 45 cm

4. 42 cm, 48 cm, 54 cm

Q.37 If  $4 \cos \theta + 3 \sin \theta = x$  and  $4 \sin \theta - 3 \cos \theta = y$ , find the value of  $x^2 + y^2$ .

Ans  1. 25

2. 9

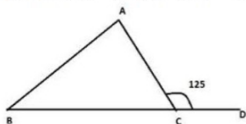
3. 16

4. 1

Q.38 Two circles touch each other externally. The radius of the first circle with centre A is 18cm. The radius of the second circle with centre B is 8cm. Find the length of their common tangent CD.

- Ans  1. 24 cm  
 2. 23 cm  
 3. 25 cm  
 4. 26 cm

Q.39 If in  $\triangle ABC$ ,  $AB = AC$  and  $\angle ACD = 125^\circ$ , then  $\angle BAC$  is:



- Ans  1.  $60^\circ$   
 2.  $75^\circ$   
 3.  $70^\circ$   
 4.  $55^\circ$

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Q.40 Due to fall in manpower, the production in a company decreases by 35%. By what percentage should the working hours be increased to restore the original production?

- Ans  1. 53.85%  
 2. 55.38%  
 3. 55.83%  
 4. 58.35%

Q.41 P and Q can do a piece of work in 14 days. Q and R together can do it in 21 days. If P is twice as good a workman as R, then in how many days Q alone can do the work?

- Ans  1. 35 days  
 2. 40 days  
 3. 38 days  
 4. 42 days

Q.42 The ratio of the third proportional to 16 & 40 and the mean proportional between 10 & 40 is:

- Ans  1. 1 : 5  
 2. 5 : 1  
 3. 1 : 4  
 4. 4 : 1

Q.43 A cone-shaped storage tank's height and radius are 9 and 7 feet, respectively. Determine how much liquid the tank can contain. (Take  $\pi = 3.14$ )

- Ans
- 1. 471 cubic feet
  - 2. 461.58 cubic feet
  - 3. 435.32 cubic feet
  - 4. 450 cubic feet

Q.44 The speeds of A and B are in the ratio 3 : 5. A takes 30 minutes more than B to reach the destination. In how much time does A reach the destination?

- Ans
- 1. 1 hour 10 minutes
  - 2. 1 hour 5 minutes
  - 3. 1 hour
  - 4. 1 hour 15 minutes

Q.45 Find the least value of p so that 246p48 is divisible by 8.

- Ans
- 1. 2
  - 2. 0
  - 3. 1
  - 4. 4

Q.46 The third proportional of 0.024 and 0.12 is:

- Ans
- 1. 0.060
  - 2. 6.000
  - 3. 0.006
  - 4. 0.600

Q.47 A hall of 10 m length, 5 m width and 6 m height is to be painted (one side only). Determine the total surface area to be painted. (neglect the area of windows and doors)(floor area is NOT to be painted)

- Ans
- 1. 230 m<sup>2</sup>
  - 2. 330 m<sup>2</sup>
  - 3. 300 m<sup>2</sup>
  - 4. 280 m<sup>2</sup>

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Q.48 Two trains with a speed of 80 km/h and 120 km/h, respectively, are 500 km apart and face each other. Find the distance between them 10 minutes before crossing.

- Ans
- 1. 52.74 km
  - 2. 72.33 km
  - 3. 33.33 km
  - 4. 63.33 km

Q.49 A cylindrical tank of capacity  $64\pi$  litres has equal height and radius. What would be the radius of the cylinder?

(1 litre =  $1000 \text{ cm}^3$ )

- Ans
- 1. 4 cm
  - 2. 50 cm
  - 3. 40 cm
  - 4. 5 cm

Q.50 Find the HCF of 69, 96 and 99.

- Ans
- 1. 6
  - 2. 1
  - 3. 3
  - 4. 9

Section : English Comprehension

Q.1 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.

The knight was received / compliments from the king / for his bravery.

- Ans
- 1. compliments from the king
  - 2. The knight was received
  - 3. No error
  - 4. for his bravery

Q.2 Select the most appropriate meaning of the given idiom.  
Hang in there

- Ans
- 1. To remain unresolved
  - 2. To give up completely
  - 3. To spend time with people
  - 4. To persist in a difficult situation

Q.3 Select the most appropriate synonym of the underlined word in the given sentence.

He wanted to buy some books, but his purse did not permit that.

- Ans
- 1. patent
  - 2. tolerate
  - 3. warrant
  - 4. grant

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Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence

The child felt down from a great height.

- Ans
- 1. child fallen down
  - 2. child fall down
  - 3. child fell down
  - 4. child falling down

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

Sting operations use subterfuge to obtain material for stories.

- Ans
- 1. Suspicion
  - 2. Society
  - 3. Policy
  - 4. Honesty



Q.6 Select the most appropriate meaning of the given idiom.  
**Spill the beans**

- Ans
- 1. Reveal a secret
  - 2. Reveal a mystery
  - 3. Reveal a plan
  - 4. Reveal a crime

Q.7 Select the most appropriate meaning of the underlined idiom in the following sentence.

Nine times out of ten, he tells lies.

- Ans
- 1. In most cases
  - 2. Hardly
  - 3. Sometimes
  - 4. All the time

Q.8 Select the most appropriate meaning of the given idiom.

**Against the clock**

- Ans
- 1. Running faster without a clock
  - 2. Running faster with a clock in hand
  - 3. In a great hurry, as fast as possible
  - 4. Race with others to win

Q.9 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.

Fortunately, he passed the exams / with dint of / sheer hard work and diligence.

- Ans
- 1. with dint of
  - 2. sheer hard work and diligence
  - 3. Fortunately, he passed the exams
  - 4. No error

Q.10 Select the most appropriate ANTONYM of the capitalised word in the given sentence.

The favouritism of the boss led to many DISGRUNTLED employees.

- Ans
- 1. Miserable
  - 2. Disturbed
  - 3. Pleased
  - 4. Determined

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Q.11 Select the most appropriate meaning of the given idiom.

**To beat a retreat**

- Ans
- 1. To make a situation
  - 2. To face a situation
  - 3. To leave a situation
  - 4. To solve a situation

Q.12 Select the most appropriate idiom for the sentence given below.

**The detective suspected Shyam because of his odd behaviour while investing in the scam.**

- Ans
- 1. A dog in the manger
  - 2. To smell a rat
  - 3. To hang fire
  - 4. To bite the dust

Q.13 Select the INCORRECTLY spelt word.

- Ans
- 1. Forgo
  - 2. Flounder
  - 3. Forebear
  - 4. Fluorecence

Q.14 Select the most appropriate synonym of the given word.

**Revoke**

- Ans
- 1. Repeal
  - 2. Sustain
  - 3. Repeat
  - 4. Regret

Q.15 Select the most appropriate meaning of the given idiom.  
**So far so good**

- Ans
- 1. Not impressed with how things are
  - 2. Good things can go far away
  - 3. No improvement in the work being done
  - 4. Things are going well so far

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Q.16 Select the option that can be used as a one-word substitute for the given group of words.

**Try hard to do or achieve something**

- Ans
- 1. Indent
  - 2. Hardworking
  - 3. Endanger
  - 4. Endeavour

Q.17 **Substitute one word for the italicised expression.**  
The Bishop criticised the Government for its *having no sympathy* and an uncaring attitude to the homeless and the unemployed.

- Ans
- 1. compassionate
  - 2. merciful
  - 3. callous
  - 4. tender

Q.18 **Select the INCORRECTLY spelt word.**

- Ans
- 1. Diarrhoea
  - 2. Pseudonym
  - 3. Perseverance
  - 4. Connoisseur

Q.19 **Select the most appropriate ANTONYM of the underlined word.**

The owner underestimated the damage caused to the walls of the apartment.

- Ans
- 1. Charged
  - 2. Misled
  - 3. Calculated
  - 4. Exaggerated

Q.20 **Select the option that can be used as a one-word substitute for the given group of words/phrase.**

Rarely; not often

- Ans
- 1. routinely
  - 2. seldom
  - 3. frequently
  - 4. habitually

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Q.21 **Select the most appropriate meaning of the given idiom.**  
**Left, right and centre**

- Ans
- 1. To have been happening for a long time and there is a lot of activity
  - 2. Happening in a lot of places or to a lot of people
  - 3. The news went from one person to the next
  - 4. Start well

Q.22 **Select the most appropriate synonym to replace the italicised word.**

Sneha opened the cupboards and glanced over her *meagre* supply of canned goods.

- Ans
- 1. plenteous
  - 2. scanty
  - 3. surplus
  - 4. bountiful

Q.23 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Football fans are feeling proud of their teams when they win.

- Ans
- 1. are feel to proud of their teams
  - 2. feel proud of their teams
  - 3. felt proud to their teams
  - 4. feeling proud of their teams

Q.24 Select the most appropriate synonym of the given word.  
**Preposterous**

- Ans
- 1. Dreamy
  - 2. Flashy
  - 3. Outrageous
  - 4. Imaginative

Q.25 Select the option that can be used as a one-word substitute for the given group of words.

So delicate or precise as to be difficult to analyse or describe

- Ans
- 1. Subtle
  - 2. Suitable
  - 3. Complex
  - 4. Anagram

Q.26 Select the most appropriate ANTONYM of the given word.  
**Utilitarian**

- Ans
- 1. Necessary
  - 2. Spacious
  - 3. Evident
  - 4. Unnecessary

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Q.27 Select the most appropriate ANTONYM of the capitalised word in the given sentence.

The lunch menu includes some **TEMPTING** vegetarian offerings.

- Ans
- 1. Enticing
  - 2. Seductive
  - 3. Repelling
  - 4. Tantalising

Q.28 Select the INCORRECTLY spelt word.

- Ans
- 1. Group
  - 2. Assembly
  - 3. Leader
  - 4. Disipline

Q.29 Select the most appropriate meaning of the given idiom.  
**Get on like a house on fire**

- Ans
- 1. Do something good for someone you have done something bad to in the past
  - 2. Feel a lot of affection for one particular person, often without knowing why
  - 3. Get on extremely well with someone
  - 4. Like someone immediately

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Q.30 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.

The helicopter of the enemies / hovered exact / over their bunker.

- Ans
- 1. hovered exact
  - 2. The helicopter of the enemies
  - 3. over their bunker.
  - 4. No error

Q.31 Select the most appropriate option that can substitute the underlined segment in the given sentence.  
It was delightful to heard the baby's voice.

- Ans
- 1. was delightful to hear
  - 2. was delightful to hearing
  - 3. was delightful to be heard
  - 4. was delightful to be hear

Q.32 Select the most appropriate meaning of the given idiom.  
**Get a second wind**

- Ans
- 1. To have renewed energy
  - 2. To get a second chance
  - 3. To retell the same story
  - 4. To commit the same mistake

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Q.33 Select the most appropriate option that can substitute the underlined segment in the given sentence.  
He is waiting upon you in the compound.

- Ans
- 1. waiting on
  - 2. waiting for
  - 3. waiting at
  - 4. waiting up

Q.34 Select the option that can be used as a one-word substitute for the given group of words.

**A person who regards the whole world as his country**

- Ans
- 1. Convalescent
  - 2. Countryman
  - 3. Cosmopolitan
  - 4. Metropolitan

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Q.35 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

**His last trip around the world taking a toll on his health.**

- Ans
- 1. No substitution required
  - 2. taken a toll
  - 3. take a toll
  - 4. took a toll

Q.36 Select the most appropriate synonym of the given word.

**Accredit**

- Ans
- 1. Confide
  - 2. Trust
  - 3. Rely
  - 4. Certify

Q.37 Select the most appropriate synonym of the given word.

**Promote**

- Ans
- 1. Boost
  - 2. Delay
  - 3. Block
  - 4. Discourage

Q.38 Select the most appropriate ANTONYM of the given word.

**Uncanny**

- Ans
- 1. Unduly
  - 2. Queer
  - 3. Saintly
  - 4. Ordinary

Q.39 Select the INCORRECTLY spelt word.

- Ans
- 1. Intermenable
  - 2. Intubate
  - 3. Incredible
  - 4. Incredulous

**Q.40 Identify the INCORRECTLY spelt word in the given sentence.**  
**Sharks often use their serated or smooth teeth for seizing prey, cutting or crushing.**

- Ans**
- 1. prey
  - 2. seizing
  - 3. crushing
  - 4. serated

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### **Comprehension:**

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.

When the Arabs invaded North Africa, there was an upsurge in the trade in gold. Ghana became rich and soon after, the Soninke ousted the Maga and built their own nation under Kaya Magan Cisse, who became the Soninke king around 790.

Ghana's ancient capital, Koumbi Salah, was the city where Africans and Berbers met and traded. Arab traders in the 9th century described Ghana as 'the land of gold.' The gold came from Asante and Senegal, to the south and west. The trade routes led north and east to Morocco, Libya and Aksum and so on to Europe and Asia. Ghana had reached its peak in the 10th century. This was the country which controlled both the gold and salt trades. Other trading goods included woollen clothes, luxury items, leather goods and slaves. Traders transported goods hundreds of kilometres across the Sahara desert with camel caravans.

### **SubQuestion No : 41**

**Q.41 Maga, a Berber clan originated from:**

- Ans**
- 1. Senegal
  - 2. Morocco
  - 3. Aksum
  - 4. Libya

## Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.

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### SubQuestion No : 42

Q.42 **Select the most appropriate title for the passage.**

- Ans
- 1. Ghana – land of trade
  - 2. Ghana – land of Berbers
  - 3. Ghana – land of tribes
  - 4. Ghana – land of gold



## Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.

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### SubQuestion No : 43

Q.43 **Select the most appropriate ANTONYM of the given word.**

### Controlled

- Ans
- 1. Promise
  - 2. Profuse
  - 3. Agitated
  - 4. Practicality

## Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.

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### SubQuestion No : 44

Q.44 \_\_\_\_\_ and \_\_\_\_\_ were the foundation of Ghana's trade in ancient times.

Ans

✓ 1. Gold; salt

✗ 2. Camel; caravans

✗ 3. Woollen clothes; luxurious items

✗ 4. Leather goods; slaves

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### Comprehension:

Read the given passage and answer the questions that follow.

Ghana was the first true African state. The reason why we are saying this is that most African states lived in tribal villages but Ghana was the centre of gold trade. This gold trade opened new possibilities for the Ghanaians. The gold trade roots back to the 4th century, when African Soninke tribes were under the rule of the Maga, a Berber clan originating from Morocco. This clan has mastered trans-Saharan camel travel. They were known for trading salt for gold from the Soninke.

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### SubQuestion No : 45

- Q.45 **Select the one-word substitute from the passage for the given group of words.**

### Rapid or sudden rise

- Ans
- 1. Caravans
  - 2. Upsurge
  - 3. Ousted
  - 4. Ancient

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### 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.

The rise and (1)\_\_\_\_\_ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)\_\_\_\_\_, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)\_\_\_\_\_. These are heady days in Punjab's (4)\_\_\_\_\_ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)\_\_\_\_\_ every day, by some reckoning.

#### SubQuestion No : 46

Q.46 Select the most appropriate word to fill in blank 1.

- Ans
- 1. failure
  - 2. down
  - 3. fall
  - 4. uprise

### 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.

The rise and (1)\_\_\_\_\_ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)\_\_\_\_\_, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)\_\_\_\_\_. These are heady days in Punjab's (4)\_\_\_\_\_ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)\_\_\_\_\_ every day, by some reckoning.

#### SubQuestion No : 47

Q.47 Select the most appropriate word to fill in blank 2.

- Ans
- 1. tonight
  - 2. overnight
  - 3. every night
  - 4. at night

### 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.

The rise and (1)\_\_\_\_\_ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)\_\_\_\_\_, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)\_\_\_\_\_. These are heady days in Punjab's (4)\_\_\_\_\_ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)\_\_\_\_\_ every day, by some reckoning.

#### SubQuestion No : 48

Q.48 Select the most appropriate word to fill in blank 3.

- Ans
- 1. boring
  - 2. overwhelming
  - 3. monotonous
  - 4. easy

### 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.

The rise and (1)\_\_\_\_\_ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)\_\_\_\_\_, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)\_\_\_\_\_. These are heady days in Punjab's (4)\_\_\_\_\_ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)\_\_\_\_\_ every day, by some reckoning.

#### SubQuestion No : 49

Q.49 Select the most appropriate word to fill in blank 4.

- Ans
- 1. fashion
  - 2. film
  - 3. music
  - 4. food

## 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.

The rise and (1)\_\_\_\_\_ of singers, music videos with lavish production budgets that amass hundreds of millions of views on YouTube, new sensations born virtually (2)\_\_\_\_\_, the overhang of drugs, guns and violence, and the thrill of taste-making can all get (3)\_\_\_\_\_. These are heady days in Punjab's (4)\_\_\_\_\_ industry and Mohali is where the action is. It is a veritable music factory, some 20 songs are written, composed, recorded, and released (5)\_\_\_\_\_ every day, by some reckoning.

### SubQuestion No : 50

Q.50

**Select the most appropriate word to fill in blank 5.**

- Ans
- 1. everywhere
  - 2. there
  - 3. nowhere
  - 4. here

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