

Q.1

Two trains A and B have lengths 195 m and 165 m respectively and run in the same direction. Their speeds are 77 km/h and 85 km/h respectively. How much time will they take to cross each other?

- A. 162 seconds
- B. 164 seconds
- C. 160 seconds
- D. 166 seconds

Answer: A. 162 seconds

Q.2

If

$$\frac{1}{a} - \frac{1}{5} = 10,$$

then find the value of

$$(a - 5)^3 - \frac{a - 5}{a}.$$

- A. 140
- B. 70
- C. 100
- D. 120

Answer: C. 100

Q.3

A rectangular field is 90 m long and 75 m broad. A pit of length 18 m, breadth 15 m and depth 6 m is dug in one corner. The excavated earth is spread uniformly over the remaining area. Find the rise in the level of the field.

- A. 27 cm
- B. 25 cm
- C. 28 cm
- D. 24 cm

Answer: B. 25 cm

Q.4

A seller uses a faulty weight instead of a 2 kg weight and earns a 25% profit while claiming to sell at cost price. What is the error in the 2 kg weight?

- A. 250 g
- B. 400 g
- C. 500 g
- D. 300 g

Answer: B. 400 g

Q.5

In the given figure, the length of arc AB is twice the radius r of the circle. Find the area of sector OAB in terms of r .

- A. $3r$
- **B. $2r$
- **C. πr^2
- **D. r^2

Answer: D. r^2

Q.6

The angles of a triangle are in the ratio 1 : 1 : 2. What percentage of the total internal angle is the greatest angle?

- A. 50%
- B. 65%
- C. 45%
- D. 40%

Answer: A. 50%

Q.7

The average salary of all employees in a company is ₹14,000. The average salary of 5 technicians is ₹18,000 and that of the remaining employees is ₹13,200. Find the total number of employees.

- A. 28
- B. 30
- C. 29
- D. 27

Answer: B. 30

Q.8

Solve the following:

$$\frac{24 \div \frac{3}{8} \text{ of } (8 + 2 \times 7 - 3) + \left[\frac{2}{11} \div \frac{4}{55} - \left(\frac{5}{8} + \frac{6}{16} \right) \right]}{32 \div 15 - 7 + 75 \div (6 + 15 \div 3 + 4)}$$

- A. $\frac{23}{27}$
- B. $\frac{9}{2}$
- C. $\frac{11}{18}$
- D. $\frac{15}{19}$

Answer: C. $\frac{11}{18}$

Q.9

A faulty weighing machine shows 1 kg when the actual weight is 900 g. The shopkeeper marked his goods up by 10%. After being caught, he was ordered to sell at a 10% discount on cost price. If customers now pay ₹20 for 1 kg, how much did they pay before the raid for the same quantity?

- A. ₹27.16
- B. ₹27.04
- C. ₹28.05
- D. ₹28.15

Answer: A. ₹27.16

Q.10

In a school, the ratio of boys to girls is 3 : 4. If boys increase by 10% and girls increase by 15%, what will be the new ratio?

- A. $\frac{33}{45}$
- B. $\frac{35}{46}$
- C. $\frac{33}{46}$
- D. $\frac{46}{33}$

Answer: C. $\frac{33}{46}$

Q.11

$\triangle ABC$ and $\triangle DEF$ are congruent such that $\triangle ABC \cong \triangle FDE$. If $AB = 5$ cm, $\angle B = 40^\circ$ and $\angle A = 80^\circ$, which statement is correct?

- A. $DF = 5 \text{ cm}$, $\angle E = 60^\circ$
- B. $DE = 5 \text{ cm}$, $\angle F = 60^\circ$
- C. $DE = 5 \text{ cm}$, $\angle D = 60^\circ$
- D. $DE = 5 \text{ cm}$, $\angle E = 60^\circ$

Answer: A. $DF = 5 \text{ cm}$, $\angle E = 60^\circ$

Q.12

The marks obtained by four students in three papers are:

Student P1 P2 P3

Mohit 79 78 77

Shivam 73 87 80

Vishal 82 74 83

Viraj 77 89 86

Who obtained the highest marks in P1, P2 and P3 respectively?

- A. Viraj, Vishal, Mohit
- B. Vishal, Viraj, Viraj
- C. Shivam, Viraj, Vishal
- D. Mohit, Viraj, Vishal

Answer: B. Vishal, Viraj, Viraj

Q.13

X takes three times as long as Y and Z together to complete a task. Z takes four times as long as X and Y together. All three together complete the task in 10 days. How much time will X and Z together take?

- A. $18\frac{2}{9}$ days
- B. $20\frac{1}{9}$ days
- C. $21\frac{1}{9}$ days
- D. $22\frac{2}{9}$ days

Answer: D. $22\frac{2}{9}$ days

Q.14

The difference between compound interest and simple interest on a certain sum at 10% per annum for 2 years is ₹250. Find the sum.

- A. ₹25,450
- B. ₹26,550
- C. ₹25,000
- D. ₹26,000

Answer: C. ₹25,000

Q.15

If A is greater than B by 7, B is greater than C by 16, and $A + B + C = 255$, find $3A + C - 4B$.

- A. 5
- B. 10
- C. 8
- D. 4

Answer: A. 5

Q.16

Which of the following is a prime number?

- A. 54
- B. 39
- C. 68
- D. 89

Answer: D. 89

Q.17

In an election between two parties A and B, A gets 37% of the total votes and loses by 338 votes. Assuming no invalid votes, find the total number of votes.

- A. 1300
- B. 1500
- C. 1200
- D. 1800

Answer: A. 1300

Q.18

A graph shows the production of cement by companies A, B and C. What is the difference between the production of Company C in 2015 and Company B in 2018?

- A. 15,00,000 tonnes
- B. 1,00,000 tonnes

- C. 10,000 tonnes
- D. 10,00,000 tonnes

Answer: D. 10,00,000 tonnes

Q.19

The LCM of a and b is 42. Find the LCM of $5a$ and $11b$.

- A. 2310
- B. 4620
- C. 210
- D. 462

Answer: A. 2310

Q.20

A thief is spotted by a policeman from 250 m away. The thief runs at 10 km/h and the policeman at 12 km/h. How far will the thief run before being caught?

- A. 4 km
- B. 1.25 km
- C. 3 km
- D. 2 km

Answer: B. 1.25 km

Q.21

If 25 persons can complete a work in 140 days, how many persons are required to complete the same work in 70 days?

- A. 70
- B. 50
- C. 40
- D. 80

Answer: B. 50

Q.22

If $p:q = 4:5$, $q:r = 3:4$, and $r:s = 2:5$, then $p:s$ is:

- A. 2 : 5
- B. 6 : 25

- C. 5 : 2
- D. 25 : 6

Answer: B. 6 : 25

Q.23

Four numbers are in the ratio 1 : 2 : 3 : 5. Twice their sum is 44. Find the ratio of the numbers obtained by subtracting 3 from the cube of each number.

- A. 2 : 31 : 204 : 999
- B. 3 : 13 : 208 : 992
- C. 11 : 67 : 219 : 1003
- D. 5 : 61 : 213 : 997

Answer: D. 5 : 61 : 213 : 997

Q.24

A bus is 30 km ahead of a car travelling in the same direction. After 3 hours, the car is 60 km ahead of the bus. If the bus travels at 42 km/h, find the speed of the car.

- A. 67 km/h
- B. 72 km/h
- C. 65 km/h
- D. 59 km/h

Answer: B. 72 km/h

Q.25

What is the least value of x so that the number $8x5215$ becomes divisible by 9?

- A. 3
- B. 1
- C. 5
- D. 6

Answer: D. 6

Q.26

Find the perimeter of the major sector of a circle of radius 12 m, whose minor sector subtends an angle of 75° at the centre.

- A. $24 + 5\pi$ m
- B. $24 + 19\pi$ m

- C. $24 - 5\pi m$
D. $24 - 19\pi m$

Answer: B. $24 + 19\pi m$

Q.27

If

$$x^4 + \frac{1}{x^4} = 1154, x > 0,$$

find

$$x^3 + \frac{1}{x^3}.$$

- A. 205
B. 214
C. 185
D. 198

Answer: D. 198

Q.28

The bar graph shows the production of cars by companies X, Y and Z from 2016 to 2020. For which company/companies was the average production over five years maximum?

- A. Y and Z
B. Y
C. X and Y
D. X and Z

Answer: D. X and Z

Q.29

Select the set in which the numbers are related in the same way as the following sets:

$$(23, 308, 15), (18, 187, 12)$$

- A. (14, 104, 9)
B. (19, 325, 27)
C. (20, 280, 14)
D. (16, 122, 7)

Answer: A. (14, 104, 9)

Q.30

Which number will replace the question mark?

23, 50, 73, 100, ?

- A. 123
- B. 120
- C. 127
- D. 125

Answer: A. 123

Q.31

Select the set in which the numbers are related in the same way as:

(17, 12, 612), (6, 14, 252)

- A. (3, 6, 108)
- B. (11, 4, 144)
- C. (13, 7, 273)
- D. (2, 3, 12)

Answer: C. (13, 7, 273)

Q.32

If

$$x = \frac{2 \sin \theta}{1 + \cos \theta + \sin \theta},$$

find the value of

$$\frac{1 - \cos \theta + \sin \theta}{1 + \sin \theta}.$$

- A. $\frac{x}{1+x}$
- B. x

- C. $\frac{1}{x}$
D. $\frac{1+x}{x}$

Answer: B. x

Q.33

Find the value of:

$$(1018)^2 - 1019 \times 1017 + 1015 \times 1012 - 1016 \times 1011$$

- A. 1
B. 4
C. 3
D. 5

Answer: D. 5

Q.34

A number, when divided by 15 and 18, leaves 3 as remainder each time. Find the least possible number.

- A. 83
B. 103
C. 39
D. 93

Answer: D. 93

Q.35

A student scores 55, 90, 75, 80 and 90 marks in five subjects. Five marks are deducted from each subject. Find the average of the resulting mean, median and mode.

- A. 79.33
B. 77.67
C. 82.66
D. 73

Answer: B. 77.67

Q.36

A mixer marked at ₹2,300 is sold for ₹2,024. Find the percentage discount.

- A. 13%
B. 10%

C. 12%

D. 11%

Answer: C. 12%

Q.37

Simplify:

$$81^{3/4} + [(20 \div 5 \text{ of } 3 \times 6) + \{(8 \div 24 \text{ of } 3) \times 4\} - 10 \div 5] - \left(\frac{1}{32}\right)^{-2/5}$$

A. $24\frac{1}{4}$

B. $21\frac{1}{9}$

C. $27\frac{4}{5}$

D. $29\frac{4}{9}$

Answer: D. $29\frac{4}{9}$

Q.38

The table gives the number of students from seven colleges participating in four extra-curricular activities. What percentage is the number of students in Activity II of the number in Activity IV?

A. 45.48%

B. 35.48%

C. 34.25%

D. 39.18%

Answer: B. 35.48%

Q.39

Find the total surface area of a hemisphere closed at the bottom if its radius is

$$\sqrt{\frac{25}{\pi}} \text{ unit.}$$

A. 75 unit^2

B. 70 unit^2

C. 60 unit^2

D. 50 unit^2

Answer: A. 75 unit^2

Q.40

The ratio between the height and radius of a cylinder is 7 : 5. If its volume is $14,836.5 \text{ cm}^3$, find its total surface area. Take $\pi = 3.14$.

- A. 3391.2 cm^2
- B. 5391.2 cm^2
- C. 4391.2 cm^2
- D. 5591.2 cm^2

Answer: A. 3391.2 cm^2

Q.41

A bar graph shows the percentage-wise production of various mobile models in 2019 and 2020. Total production was 40 lakh in 2019 and 65 lakh in 2020. What is the total production of Model A in 2020 and Model E in 2019?

- A. 39,00,000
- B. 32,00,000
- C. 36,00,000
- D. 21,00,000

Answer: B. 32,00,000

Q.42

A graph shows the number of trees axed in four cities during 2016–2020. In which year was the least number of trees axed?

- A. 2016
- B. 2020
- C. 2019
- D. 2017

Answer: C. 2019

Q.43

A tradesman marks his goods 26% above cost price and allows a 12% discount on the marked price. Find his profit percentage.

- A. 10.88%
- B. 11.08%

C. 10.50%

D. 10%

Answer: A. 10.88%

Q.44

If

$$x^4 + \frac{1}{x^4} = 47, x > 0,$$

find:

$$x + \frac{1}{x} - 2.$$

A. 1

B. 0

C. 5

D. 3

Answer: A. 1

Q.45

If

$$\left(\frac{\sec \theta - 1}{\sec \theta + 1} \right)^n = \operatorname{cosec} \theta - \cot \theta,$$

find n .

A. 1

B. 0.5

C. -1

D. -0.5

Answer: B. 0.5

Q.46

In $\triangle ABC$, $DE \parallel BC$, with A-D-B and A-E-C. If $\angle ACB = 40^\circ$, find:

$$\angle DAE + \angle ADE.$$

- A. 240°
- B. 120°
- C. 140°
- D. 230°

Answer: C. 140°

Q.47

What is the volume of a cube whose surface area is 54 cm^2 ?

- A. 28 cm^3
- B. 3 cm^3
- C. 27 cm^3
- D. 9 cm^3

Answer: C. 27 cm^3

Q.48

Find:

$$16\sec^2 A - 16\tan^2 A$$

- A. 9
- B. 0
- C. 16
- D. 1

Answer: C. 16

Q.49

The costs of two varieties of tea are ₹300 and ₹375 per kg. If they are mixed in the ratio 3 : 2, what is the price of the mixture per kg?

- A. ₹340
- B. ₹330
- C. ₹350
- D. ₹360

Answer: B. ₹330

Q.50

Find the value of:

$$(2\cos^2\theta - 1) \left[\frac{1 + \tan\theta}{1 - \tan\theta} + \frac{1 - \tan\theta}{1 + \tan\theta} \right]$$

- A. 2
- B. 0
- C. $\frac{\sqrt{3}}{2}$
- D. 1

Answer: A. 2

Q1. When and where was the maiden Athletics World Cup organised, which was discontinued after its first edition?

- A. London, 2018
- B. Seoul, 2019
- C. Tokyo, 2020
- D. Beijing, 2018

Answer: A. London, 2018

Q2. Which of the following pair of Thumri singing characteristics is correct?

- I. Poorab – fairly slow and staid
 - II. Punjab – more mercurial
- A. Only I
 - B. Both I and II
 - C. Only II
 - D. Neither I nor II

Answer: B. Both I and II

Q3. Novelist Damodar Mauzo, who won the 57th Jnanpith Award, is a writer in which language?

- A. Assamese
- B. Odia
- C. Konkani
- D. Sanskrit

Answer: C. Konkani

Q4. Shijith Nambiar and Parvathy Menon were conferred the 5th Bharat Kala Ratna Award for 2020 for their service to:

- A. Kathak
- B. Kuchipudi

- C. Mohiniyattam
- D. Bharatanatyam

Answer: C. Mohiniyattam

Q5. With reference to the Land Revenue System of the Mughal Empire, the term '____' was the amount assessed.

- A. Banjar
- B. Polaj
- C. Hasil
- D. Jama

Answer: D. Jama

Q6. Which of the following identities is correct regarding GNP?

- A. $GNP = GDP + \text{factor income earned by domestic factors abroad} + \text{factor income earned by foreign factors domestically}$
- B. $GNP = GDP - \text{factor income earned by domestic factors abroad} - \text{factor income earned by foreign factors domestically}$
- C. $GNP = GDP + \text{factor income earned by domestic factors abroad} - \text{factor income earned by foreign factors domestically}$
- D. $GNP = GDP - \text{factor income earned by domestic factors abroad} + \text{factor income earned by foreign factors domestically}$

Answer: C. $GNP = GDP + \text{factor income earned by domestic factors abroad} - \text{factor income earned by foreign factors domestically}$

Q7. 'Matters of Discretion' is an autobiography of which former Prime Minister of India?

- A. P. V. Narasimha Rao
- B. Inder Kumar Gujral
- C. Manmohan Singh
- D. Atal Bihari Vajpayee

Answer: B. Inder Kumar Gujral

Q8. In ecology, ____ is determined by dividing the biomass per unit area by the age of the forest ecosystem.

- A. Biomass density
- B. Biomass size
- C. Biomass energy flow
- D. Biomass productivity

Answer: D. Biomass productivity

Q9. What is the defined value of k_B in the given equation?

$$k_B = PV/TN$$

- A. $1.38 \times 10^{-23} \text{ J K}^{-1}$
- B. $1.08 \times 10^{-23} \text{ J K}^{-1}$
- C. $1.68 \times 10^{-23} \text{ J K}^{-1}$
- D. $0.38 \times 10^{-23} \text{ J K}^{-1}$

Answer: A. $1.38 \times 10^{-23} \text{ J K}^{-1}$

Q10. Kathak guru Shovana Narayan received the _____ in 1992.

- A. Padma Bhushan
- B. Nritya Shiromani
- C. Padma Vibhushan
- D. Padma Shri

Answer: D. Padma Shri

Q11. 'I Am No Messiah' is an autobiography of the actor:

- A. Sonu Sood
- B. Salman Khan
- C. Sonu Nigam
- D. Amir Khan

Answer: A. Sonu Sood

Q12. Which gas is used by chemical leaveners such as baking powder and baking soda to lighten and aerate baked goods?

- A. Nitrogen
- B. Carbon dioxide
- C. Helium
- D. Hydrogen

Answer: B. Carbon dioxide

Q13. Among the following rivers, which is NOT a tributary of the Indus river system?

- A. Kosi
- B. Satluj
- C. Ravi
- D. Beas

Answer: A. Kosi

Q14. The Bahamani Sultanate was founded by which of the following leaders?

- A. Mahmud Gavan
- B. Alauddin Hasan Bahman Shah
- C. Muhammad Shah
- D. Mohammad bin Tughlaq

Answer: B. Alauddin Hasan Bahman Shah

Q15. Who among the following is the author of the novel *Train to Pakistan*?

- A. R. K. Narayan
- B. Khushwant Singh
- C. Vikram Seth
- D. Chetan Bhagat

Answer: B. Khushwant Singh

Q16. Which of the following is correct regarding 'Monsoon'?

- A. The word monsoon is derived from the Arabic word and refers to the seasonal reversal in wind direction during a year.
- B. The word monsoon is derived from the Tamil word and refers to the seasonal reversal in wind direction during a year.
- C. The word monsoon is derived from the Tamil word and refers to the seasonal reversal in wind direction every month.
- D. The word monsoon is derived from the Arabic word and refers to the seasonal reversal in wind direction every month.

Answer: A. The word monsoon is derived from the Arabic word and refers to the seasonal reversal in wind direction during a year.

Q17. The headquarters of the National Remote Sensing Centre (NRSC) is located at:

- A. Hyderabad
- B. Kolkata
- C. Bengaluru
- D. Mumbai

Answer: A. Hyderabad

Q18. Which of the following is a diverse group of aquatic organisms capable of photosynthesising?

- A. Yeast
- B. Protozoa
- C. Fungi
- D. Algae

Answer: D. Algae

Q19. Which country hosted the 22nd FIFA World Cup Football in 2022?

- A. Oman
- B. South Africa
- C. Qatar
- D. Brazil

Answer: C. Qatar

Q20. Who among the following founded the 'Asiatic Society of Bengal' in 1784?

- A. Sir William Jones
- B. Raja Ram Mohan Roy
- C. Dwarkanath Tagore
- D. Henry Vivian Derozio

Answer: A. Sir William Jones

Q21. Which Governor-General enacted the law against the Sati practice in December 1829?

- A. Lord Canning
- B. Lord William Bentinck
- C. Lord Dalhousie
- D. Lord Warren Hastings

Answer: B. Lord William Bentinck

Q22. Which Fundamental Duty provision is similar to Article 21A?

- A. Article 51A(i)
- B. Article 51A(k)
- C. Article 51A(h)
- D. Article 51A(j)

Answer: B. Article 51A(k)

Q23. Who among the following appoints the Election Commissioners of India?

- A. Vice President
- B. Prime Minister
- C. Attorney General
- D. President

Answer: D. President

Q24. All changes in the weather of the earth are caused by the ____.

- A. Altitude
- B. Tides
- C. Sun
- D. Moon

Answer: C. Sun

Q25. The rulers of which dynasty built the Khajuraho temples between 950 and 1050 AD in central India?

- A. Gurjara-Pratihara Dynasty
- B. Rashtrakuta Dynasty
- C. Pala Dynasty
- D. Chandela Dynasty

Answer: D. Chandela Dynasty

Q26. Which of the following is NOT a part of the All India Services?

- A. Indian Forest Service
- B. Indian Engineering Service
- C. Indian Administrative Service
- D. Indian Police Service

Answer: B. Indian Engineering Service

Q27. The title of the autobiography of Rassundari Devi is:

- A. Amar Jiban
- B. Smritichitre: The Memoirs of a Spirited Wife
- C. Aalo Aandhari
- D. Raseedi Ticket

Answer: A. Amar Jiban

Q28. GATT was established in 1948 with _____ countries as the global trade organisation.

- A. 29
- B. 23
- C. 35
- D. 28

Answer: B. 23

Q29. Which of the following Fundamental Rights cannot be suspended even when an Emergency is declared in the country?

- A. Articles 22 and 23
- B. Articles 20 and 21
- C. Articles 19 and 20
- D. Articles 21 and 22

Answer: B. Articles 20 and 21

Q30. Carbon dating means:

- A. A method to determine the density of fissile material
- B. A method of calculating the remains of sulphur and nitrogen in hard rock
- C. A method of calculating the age of very old objects by measuring the amounts of different forms of carbon in them
- D. A method of determination of weight of a very old rock

Answer: C. A method of calculating the age of very old objects by measuring the amounts of different forms of carbon in them

Q31. In which year was the National Commission for Protection of Child Rights established?

- A. 2014
- B. 2007
- C. 2005
- D. 2010

Answer: B. 2007

Q32. Through which of the following states does National Waterway-96 pass?

- A. Assam
- B. Uttar Pradesh
- C. Odisha
- D. Madhya Pradesh

Answer: A. Assam

Q33. Sudha Chandran is a known actress and an accomplished _____ dancer.

- A. Kathakali
- B. Kuchipudi
- C. Bharatanatyam
- D. Sattriya

Answer: C. Bharatanatyam

Q34. In August 1907, Madam Bhikaji Cama became the first person to hoist the Indian flag on foreign soil in:

- A. Germany
- B. Belgium
- C. Poland
- D. Sweden

Answer: A. Germany

Q35. Mohiniyattam is associated with which Hindu God?

- A. Ganapati
- B. Brahma
- C. Vishnu
- D. Shiva

Answer: C. Vishnu

Q36. "Growth with stability and progressive achievement of self-reliance" was the objective of the _____ Five-Year Plan.

- A. Fifth
- B. Third
- C. Fourth
- D. Second

Answer: C. Fourth

Q37. A species of grass named _____ is on the verge of extinction due to its insensitivity towards the environment.

- A. *Helianthus annuus*
- B. *Saccharum officinarum*
- C. *Hubbardia heptaneuron*
- D. *Bellis perennis*

Answer: C. *Hubbardia heptaneuron*

Q38. The Constitution provides for reservation of seats in the Lok Sabha and State Legislative Assemblies for the:

- A. Scheduled Tribes
- B. Other Backward Classes
- C. Differently abled
- D. Women

Answer: A. Scheduled Tribes

Q39. Which of the following countries hosted the inaugural FIVB Volleyball Men's World Cup?

- A. 1965, Poland
- B. 1977, Japan
- C. 1969, East Germany
- D. 1981, Japan

Answer: A. 1965, Poland

Q40. The ratio between nominal GDP and real GDP is called:

- A. Net national income
- B. Value added GDP
- C. Green GDP
- D. GDP deflator

Answer: D. GDP deflator

Q41. Who was the captain of the Indian women's cricket team for the 2022 World Cup?

- A. Shafali Verma
- B. Mithali Raj
- C. Smriti Mandhana
- D. Harmanpreet Kaur

Answer: B. Mithali Raj

Q42. Which of the following is the formula of barium peroxide?

- A. Ba_2O_2
- B. BaSO_4
- C. BaO
- D. BaO_2

Answer: D. BaO_2

Q43. Which of the following is the correct sequence of river lengths?

- A. Ganga, Godavari, Krishna, Yamuna
- B. Ganga, Yamuna, Godavari, Krishna
- C. Godavari, Krishna, Ganga, Yamuna
- D. Godavari, Ganga, Krishna, Yamuna

Answer: A. Ganga, Godavari, Krishna, Yamuna

Q44. Which of the following is NOT correct about the High Court?

- A. It can deal with cases within the jurisdiction of the state.
- B. It can hear appeals from the lower courts.

- C. It can issue various writs for the protection of Fundamental Rights.
- D. It gives advisory opinion to the President of India.

Answer: D. It gives advisory opinion to the President of India.

Q45. The Mettur Dam is built on which of the following rivers?

- A. Cauvery
- B. Krishna
- C. Vaigai
- D. Periyar

Answer: A. Cauvery

Q46. The Battle of Buxar was fought between the British East India Company led by Hector Munro and the combined armies of:

- A. Mir Jafar, Siraj-ud-Daulah and Mughal Emperor Shah Alam II
- B. Mir Qasim, Mughal Emperor Shah Alam and Shuja-ud-Daulah of Awadh
- C. Mir Jafar, Mughal Emperor Bahadur Shah II and Shuja-ud-Daulah
- D. Siraj-ud-Daulah, Shuja-ud-Daulah and Mughal Emperor Shah Alam II

Answer: B. Mir Qasim, Mughal Emperor Shah Alam and Shuja-ud-Daulah of Awadh

Q47. Around the time of its arrival, normal rainfall increases suddenly and continues constantly for several days. This is known as the _____ of the monsoon.

- A. Opening
- B. Burst
- C. Thrust
- D. Breaking

Answer: B. Burst

Q48. Which of the following elements are included in the same group in the periodic table?

- A. Ne, Ar, Na, Mg
- B. He, Li, Mg, K
- C. H, Li, Mg, Ca
- D. H, Li, Na, K

Answer: D. H, Li, Na, K

Q49. Which of the following codes signifies the Cold Climate with Dry Winters according to Köppen?

- A. EF
- B. Df

- C. ET
- D. Dw

Answer: D. Dw

Q50. The Moon completes _____ rotation on its axis as it completes one revolution around the Earth.

- A. 3
- B. 2
- C. 1
- D. 4

Answer: C. 1

Q1. Select the INCORRECTLY spelt word.

- A. Vociferous
- B. Affliction
- C. Episcopal
- D. Innocuous

Answer: A. Vociferous

Q2. Select the INCORRECTLY spelt word.

- A. Manipulate
- B. Postulate
- C. Stipulate
- D. Calculate

Answer: C. Stipulate

Q3. Select the most appropriate synonym to replace the italicised word.

The smoke was bothering me, and I didn't want to **ruin** the party for all of you, so I simply walked home.

- A. Despoil
- B. Fix
- C. Revamp
- D. Recover

Answer: A. Despoil

Q4. Select the option that can be used as a one-word substitute.

Showing astute powers of judgement; clever and judicious

- A. Shriek
- B. Shift
- C. Shrewd
- D. Shrike

Answer: C. Shrewd

Q5. Select the most appropriate ANTONYM of the given word.

Emulate

- A. Respect
- B. Neglect
- C. Spoilt
- D. Bash

Answer: B. Neglect

Q6. Select the option that can be used as a one-word substitute.

One who does a thing for pleasure and not as a profession

- A. Performer
- B. Amateur
- C. Professional
- D. Ascetic

Answer: B. Amateur

Q7. Select the most appropriate ANTONYM of the underlined word.

China expects to **welcome** back Indian students to resume their studies in the country.

- A. Cease
- B. Usher
- C. Presume
- D. Announce

Answer: A. Cease

Q8. Identify the part that contains an error.

The investors were / put off by the dirty / visage of the workshop.

- A. Visage of the workshop
- B. Put off by the dirty
- C. No error
- D. The investors were

Answer: C. No error

Q9. Select the INCORRECTLY spelt word.

- A. Abcission
- B. Abstruse
- C. Incision
- D. Abyssal

Answer: A. Abcission

Q10. Select the most appropriate ANTONYM of the given word.

Dull

- A. Coloured
- B. Bright
- C. Clever
- D. Youthful

Answer: B. Bright

The above questions are from pages 41–43 of the uploaded PDF.

Q11. Select the most appropriate idiom to substitute the underlined part.

He is the most successful businessman. One of his traits is to **take risk**.

- A. Throw caution to the wind
- B. Talk through his hat
- C. Fill somebody's shoes
- D. Tighten his belt

Answer: A. Throw caution to the wind

Q12. Select the most appropriate phrase for the underlined segment.

They are rivals and **cannot work together in harmony**.

- A. Potter about
- B. Make up
- C. Put down
- D. Pull together

Answer: D. Pull together

Q13. Select the most appropriate meaning of the idiom.

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Cutting corners

- A. Investing in MNCs to get better returns and exchange
- B. Doing something poorly in order to save time or money
- C. Stitching clothes with a unique design
- D. Cutting the edges to make it small and round

Answer: B. Doing something poorly in order to save time or money

Q14. Select the most appropriate ANTONYM of the underlined word.

Spurious medicine can be fatal to the patient.

- A. Genuine
- B. Inferior
- C. Contemptuous
- D. Virtuous

Answer: A. Genuine

Q15. Select the most appropriate ANTONYM of the underlined word.

The entire environment was very **hostile** towards us.

- A. Antagonistic
- B. Favourable
- C. Accurate
- D. Handy

Answer: B. Favourable

Q16. Select the one-word substitute.

A place for storage of arms and ammunition

- A. Wardrobe
- B. Warehouse
- C. Granary
- D. Arsenal

Answer: D. Arsenal

Q17. Select the most appropriate meaning of the idiom.

Call it a day

- A. Call it as a bad day
- B. Stop thinking in daytime

- C. Call it as a good and productive day
- D. Stop working on something

Answer: D. Stop working on something

Q18. Select the correct meaning of the idiom.

I had a **close shave** this morning – my car was hit badly by a bull.

- A. In a position where one might receive severe criticism
- B. To be carrying a wild look
- C. To request someone to stay calm and not get annoyed
- D. A narrow escape

Answer: D. A narrow escape

Q19. Choose the correct meaning of the underlined idiom.

Blue blood is not necessarily a guarantee of one's public decorum.

- A. A person belonging to a middle-class family
- B. A person belonging to an honest family
- C. A person belonging to a poor family
- D. A person belonging to a high family

Answer: D. A person belonging to a high family

Q20. Select the most appropriate meaning of the idiom.

To make matters worse

- A. No matter can become worse
- B. Sometimes situation can become worse
- C. Make the situation worse
- D. Matters can be worse

Answer: C. Make the situation worse

Questions 11–20 are from the English section of the uploaded paper.

Q21. Identify the INCORRECTLY spelt word.

The pyramids that you see in Egypt were built by the **Pharoh** dynasties who ruled the ancient kingdom of Egypt for thousands of years.

- A. Ensure
- B. Pharoh

- C. Strategy
- D. Fulfillment

Answer: B. Pharoh

Q22. Select the most appropriate option to substitute the underlined segment.

Antonio Stradivari was an Italian **who is being made wonderful violins**.

- A. Who made wonderful
- B. Who have made wonderful
- C. Who is made wonderful
- D. Who makes wonderful

Answer: A. Who made wonderful

Q23. Select the most appropriate option to substitute the underlined segment.

I **enjoy to be laugh at** my little brother.

- A. Am enjoy to laughing at
- B. Enjoy laughed at
- C. Enjoy laughing at
- D. Have enjoy laughing at

Answer: C. Enjoy laughing at

Q24. Identify the part that contains a grammatical error.

Psychology has been / **defined the scientific study of** / human psyche and behaviour.

- A. Defined the scientific study of
- B. Psychology has been
- C. Human psyche and behaviour
- D. No error

Answer: A. Defined the scientific study of

Q25. Identify the INCORRECTLY spelt word.

The graduate students have discovered that they can address issues more effectually through letter writing **campaignes** and not through public demonstrations.

- A. Address
- B. Discovered
- C. Campaignes
- D. Demonstrations

Answer: C. Campaignes

Q26. Select the most appropriate ANTONYM of the given word.

Scanty

- A. Expedient
- B. Paltry
- C. Nasty
- D. Abundant

Answer: D. Abundant

Q27. Select the one-word substitute.

Evoking a keen sense of sadness or regret

- A. Pungent
- B. Poignant
- C. Impactful
- D. Unaffecting

Answer: B. Poignant

Q28. Select the most appropriate ANTONYM of the given word.

Asperity

- A. Virility
- B. Civility
- C. Acridity
- D. Curiosity

Answer: B. Civility

Q29. Identify the correct antonym.

With her **spry** and athletic build, she won the race easily.

- A. Agile
- B. Lethargic
- C. Sleuth
- D. Workaholic

Answer: B. Lethargic

Q30. Select the most appropriate ANTONYM of the word.

Deplete

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- A. Restore
- B. Old
- C. High
- D. Fancy

Answer: A. Restore

Questions 21–30 are supported by pages 46–48 of the uploaded PDF.

Q31. Select the most appropriate meaning of the idiom.

Heart and soul

- A. With complete honesty
- B. Front to front
- C. With all the effort you can put
- D. Feeling sympathy for someone

Answer: C. With all the effort you can put

Q32. Identify the segment containing a grammatical error.

It is **nothing else than** / sheer foolishness that / you have decided / to resign.

- A. It is nothing else than
- B. Sheer foolishness that
- C. To resign
- D. You have decided

Answer: A. It is nothing else than

Q33. Select the one-word substitute.

Profitable, yielding financial gain

- A. Ludicrous
- B. Lucrative
- C. Luddite
- D. Lugger

Answer: B. Lucrative

Q34. Select the most appropriate option to fill in the blank.

Some people are in the habit of sharing _____ and bull story on unsuitable occasions.

- A. Fox
- B. Wolf
- C. Cock
- D. Rooster

Answer: C. Cock

Q35. Select the most appropriate synonym.

Colossal granite obelisks were erected by only a few kings.

- A. Gigantic
- B. Lilliputian
- C. Minute
- D. Minuscule

Answer: A. Gigantic

Q36. Choose the correct meaning of the idiom.

With two toddlers to handle and no house help at her disposal, Shilpa can never put her house in **apple-pie order**.

- A. Completely messy
- B. Smell-proof
- C. Completely arranged
- D. Ready for guests

Answer: C. Completely arranged

Q37. Select the most appropriate option to substitute the underlined segment.

When the weather is hot, I will like to eat ice cream.

- A. I shall like to eat
- B. I liked to eat
- C. I like to eat
- D. I should like to eat

Answer: C. I like to eat

Q38. Select the one-word substitute.

One who takes a dark view of things

- A. Pedant
- B. Periscope

- C. Polyglot
- D. Pessimist

Answer: D. Pessimist

Q39. Select the most appropriate ANTONYM.

His explanation is always **concise**.

- A. Frank
- B. Precise
- C. Lengthy
- D. Intelligent

Answer: C. Lengthy

Q40. Select the most appropriate option to substitute the underlined segment.

As Simon had already been to the park, he **lead the way** for the other children.

- A. Leading the way
- B. Lead away
- C. Led the way
- D. No substitution required

Answer: C. Led the way

Questions 31–40 are from pages 48–51 of the PDF.

Reading Comprehension – Questions 41 to 45

Passage: Reservation is a part of **effective action**, which seeks to bring equality. The Constitution (One Hundred and Twenty Fourth Amendment) Bill, 2019, seeks to provide for the advancement of 'economically weaker sections' of citizens. Article 15 of the Constitution **prohibits** discrimination against any citizen on the grounds of race, religion, caste, sex or place of birth. However, the government may make special provisions for the **enhancement** of socially and educationally backward classes or for Scheduled Castes or Scheduled Tribes. The Bill seeks to amend Article 15 to additionally permit the government to provide for the advancement of 'economically weaker sections'. Further, up to 10% of the seats may be **reserved** for such sections for admission in educational institutions.

Q41. Identify a suitable title for the passage.

- A. Prohibition of discrimination
- B. Article 15

- C. Constitution (124th Amendment) Bill 2019
- D. Reservation for Equality

Answer: C. Constitution (124th Amendment) Bill 2019

Q42. Select the most appropriate option to fill in blank no. 1.

Reservation is a part of _____ action, which seeks to bring equality.

- A. Effective
- B. Ineffective
- C. Directive
- D. Corrective

Answer: A. Effective

Q43. Select the most appropriate option to fill in blank no. 2.

Article 15 of the Constitution _____ discrimination against any citizen.

- A. Exhibits
- B. Prohibits
- C. Establishes
- D. Inhibits

Answer: B. Prohibits

Q44. Select the most appropriate option to fill in blank no. 3.

The government may make special provisions for the _____ of socially and educationally backward classes.

- A. Containment
- B. Postponement
- C. Advancement
- D. Enhancement

Answer: D. Enhancement

Q45. Select the most appropriate option to fill in blank no. 4.

Up to 10% of the seats may be _____ for such sections.

- A. Preserved
- B. Reserved
- C. Deserved
- D. Conserved

Answer: B. Reserved

Questions 41–45 are from the comprehension passage in the uploaded PDF.

Cloze Test – Questions 46 to 50

Passage: A broad definition of wetlands (1)_____ ecosystems such as lakes and rivers, underground aquifers, swamps, coral reefs, and many others; but also, human-made artificial sites (2)_____ fishponds or reservoirs. Though they cover only around 6 per cent of the Earth's land surface, 40 per cent of all plant and animal species live or breed in them. Wetlands are also vital for human wellbeing and security. More than a billion people across the world depend on them for their livelihoods.

Q46. Select the most appropriate option to fill blank 1.

- A. Leave out
- B. Omit
- C. Excludes
- D. Includes

Answer: D. Includes

Q47. Select the most appropriate option to fill blank 2.

- A. More as
- B. As much as
- C. Such as
- D. Much as

Answer: C. Such as

Q48. Select the most appropriate option to fill blank 3.

- A. Have
- B. Has
- C. Store
- D. Stored

Answer: C. Store

Q49. Select the most appropriate option to fill blank 4.

- A. As long as
- B. As much as
- C. As such as
- D. As more as

Answer: B. As much as

Q50. Select the most appropriate option to fill blank 5.

- A. Faster than
- B. Fastest than
- C. Much than
- D. More than

Answer: A. Faster than

Q1. If $\times$ means $+$, $\div$ means $\times$, $-$ means $\div$, and $+$ means $-$, what will be the value of the following expression?

$$32 \times 6 + 10 - 4 \div 8 = ?$$

- A. 18
- B. 20
- C. 22
- D. 24

Answer: A. 18

Q2. If A denotes '+', B denotes '-', C denotes ' $\times$ ', and D denotes ' $\div$ ', then what will be the value of the following expression?

$$50 A 86 C 40 D 10 B 5 = ?$$

- A. 124
- B. 150
- C. 116
- D. 134

Answer: C. 116

Q3. Select the number that can replace the question mark (?) in the following series.

$$72, 85, 68, 81, ?, 77$$

- A. 70
- B. 61
- C. 64
- D. 67

Answer: C. 64

Q4. Three statements are given followed by four conclusions. Which conclusion does NOT follow?

Statements:

- Some Nights are Lights.
- No Light is a Van.
- All Vans are Whips.

Conclusions:

1. Some Nights are not Vans.
2. No Van is a Light.
3. Some Whips are not Lights.
4. Some Nights are Whips.

- A. Only conclusion 4 does not follow
 B. Only conclusion 2 does not follow
 C. Only conclusion 1 does not follow
 D. Only conclusion 3 does not follow

Answer: A. Only conclusion 4 does not follow

Q5. Based on the position in the English alphabetical order, three letter-clusters are alike and one is different. Select the odd one.

- A. CEIO
 B. HJNU
 C. JLPV
 D. FHLR

Answer: B. HJNU

Q6. Figure-Based Question

Select the option figure in which the given figure is embedded. Rotation is NOT allowed.

- A. Figure 1
 B. Figure 2
 C. Figure 3
 D. Figure 4

Answer: B. Option 2

The source PDF contains the original figure for this question.

Q7. If A denotes '+', B denotes '×', C denotes '−', and D denotes '÷', what will be the value of the following expression?

25 C 21 D 7 B 3 A 4

- A. 20
- B. 21
- C. 24
- D. 43

Answer: A. 20

Q8. Select the option containing the letters that, when sequentially placed from left to right in the blanks, will complete the series.

_ M _ X J _ P X _ M P _ J _ _ X

- A. J O J M X M P
- B. J P M J X M P
- C. J P M X J M P
- D. J P X M J M P

Answer: B. J P M J X M P

Q9. Two statements are given followed by three conclusions.

Statements:

- All coffees and milkshakes are teas.
- None of the coffees are milkshakes.

Conclusions:

- I. Some coffees are milkshakes.
- II. Some teas are coffees.
- III. Some milkshakes are teas.

- A. Only conclusions II and III follow
- B. Only conclusions I and II follow
- C. Only conclusions I and III follow
- D. All of the conclusions follow

Answer: A. Only conclusions II and III follow

Q10. Neha walks 51 m towards the south from her home, turns left and walks 44 m, then turns left again and walks 83 m. How far is she from a pole that is exactly 32 m north from her home?

- A. 14 m
- B. 44 m

- C. 7 m
- D. 39 m

Answer: B. 44 m

Q11. If 31 December 2003 was a Wednesday, what was the day of the week on 7 March 2005?

- A. Tuesday
- B. Sunday
- C. Saturday
- D. Monday

Answer: A. Tuesday

Questions 4–11 are from the first pages of the Reasoning section of the uploaded paper.

Q12. Which number will replace the question mark (?) in the given series?

164, 172, 145, ?, 84

- A. 209
- B. 308
- C. 283
- D. 234

Answer: A. 209

Q13. Select the word-pair that has a similar relationship.

Lend : Borrow

- A. Happy : Joyous
- B. Stern : Strict
- C. Exciting : Boring
- D. Sharp : Edged

Answer: C. Exciting : Boring

Q14. Figure-Based Dice Question

Two different positions of the same dice are shown. If the number **6** is on one face, select the number that will be on the opposite face.

- A. 3
- B. 4

- C. 2
- D. 5

Answer: A. 3

Q15. Select the option related to the third term in the same way as the second term is related to the first term.

6 : 32 :: 10 : ? :: 11 : 117

- A. 99
- B. 110
- C. 88
- D. 96

Answer: D. 96

Q16. If A denotes '+', B denotes '×', C denotes '-', and D denotes '÷', find the value of:

27 B 5 C 38 A 16 D 4 A 42 C 8 B 4 = ?

- A. 130
- B. 120
- C. 111
- D. 109

Answer: C. 111

Q17. Figure-Based Mirror Image Question

Select the correct mirror image of the given figure when the mirror is placed at **MN**.

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: A. Option 1

Q18. In a certain code language, 'ANYWAY' is written as 'YNAYAW' and 'BATTLE' is written as 'TABELT'. How will 'COSTLY' be written?

- A. SOCYLT
- B. SCTOLY
- C. OCTSLY
- D. YLTSOC

Answer: A. SOCYLT

Q19. If M denotes '-', N denotes '÷', O denotes '×', and P denotes '+', find:

$$324 \text{ P } 35 \text{ M } 184 \text{ M } 17 \text{ O } 3 \text{ P } 39 = ?$$

- A. 163
- B. 171
- C. 159
- D. 153

Answer: A. 163

Q20. Figure-Based Dice Question

Two different positions of the same dice are shown. If the number **6** is on one face, select the number that will be on the opposite face.

- A. 4
- B. 5
- C. 3
- D. 2

Answer: A. 4

The source pages show the dice and mirror-image figures for Questions 14, 17 and 20.

Q21. Select the option related to the third term in the same way as the second term is related to the first term.

$$2 : 9 :: 9 : ? :: 6 : 217$$

- A. 730
- B. 28
- C. 513
- D. 82

Answer: A. 730

Q22. Two statements are given followed by two conclusions.

Statements:

- Some laces are shoes.
- Some laces are socks.

Conclusions:

- I. All socks are shoes.
- II. Some socks are laces.

- A. Only conclusion I follows
- B. Both conclusions I and II follow
- C. Neither conclusion I nor II follows
- D. Only conclusion II follows

Answer: D. Only conclusion II follows

Q23. Select the word-pair that has a similar relationship.

Chickenpox : Virus

- A. Anthrax : Viruses
- B. Anthrax : Parasites
- C. Anthrax : Fungi
- D. Anthrax : Bacteria

Answer: D. Anthrax : Bacteria

Q24. Select the correct combination of mathematical signs to replace the * signs and balance the equation.

$$234 * 345 * 456 * 567 * 678 * 12$$

- A. -, +, +, -, =
- B. ÷, -, +, -, =
- C. +, ×, +, -, =
- D. +, -, +, -, =

Answer: D. +, -, +, -, =

Q25. Eight people are sitting in two parallel rows with four people in each row. Row I has 1, 2, 3 and 4 facing south, while Row II has 6, 7, 8 and 9 facing north. 1 and 2 are not at the extreme ends and 1 sits immediately left of 2. 9 and 7 sit opposite 1 and 2, respectively, and 7 sits exactly opposite 1. 7 is not the immediate neighbour of 6.

Who sits at the extreme right corner of Row II facing north?

- A. 8
- B. 7
- C. 9
- D. 6

Answer: A. 8

Q26. Figure-Based Dice Question

Two different positions of the same dice are shown. If the number **1** is on one face, select the number on the opposite face.

- A. 3
- B. 4
- C. 6
- D. 2

Answer: C. 6

Q27. In a code language, 'SPACE' is written as '5-91' and 'ROTTEN' is written as '6-70'. How will 'MEAN' be written?

- A. 4-75
- B. 4-74
- C. 4-73
- D. 4-76

Answer: A. 4-75

Q28. Which option represents the correct order of the following words as they would appear in the English dictionary?

1. Method
2. Methanol
3. Metrics
4. Metro
5. Melody

- A. 5, 2, 1, 3, 4
- B. 5, 3, 1, 2, 4
- C. 5, 2, 1, 4, 3
- D. 5, 1, 2, 4, 3

Answer: A. 5, 2, 1, 3, 4

Q29. Select the set in which the numbers are related in the same way as the given sets.

(23, 308, 15)

(18, 187, 12)

- A. (14, 104, 9)
- B. (19, 325, 27)
- C. (20, 280, 14)
- D. (16, 122, 7)

Answer: A. (14, 104, 9)

Q30. Which number will replace the question mark (?)?

23, 50, 73, 100, ?

- A. 123
- B. 120
- C. 127
- D. 125

Answer: A. 123

Questions 21–30 are supported by the corresponding pages of the uploaded PDF.

Q31. Select the set in which the numbers are related in the same way as the given sets.

(17, 12, 612)
(6, 14, 252)

- A. (3, 6, 108)
- B. (11, 4, 144)
- C. (13, 7, 273)
- D. (2, 3, 12)

Answer: C. (13, 7, 273)

Q32. Figure-Based Series Question

Which figure should replace the question mark (?) if the following series is to continue?

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: D. Option 4

Q33. If $\times$ means $+$, $\div$ means $-$, $+$ means $\times$ and $-$ means $\div$, what will be the value of:

$$182 - 13 \times 5 + 16 \div 44 = ?$$

- A. 50
- B. 62
- C. 86
- D. 48

Answer: A. 50

Q34. Select the combination of letters that, when sequentially placed in the blanks, will complete the series.

_ SSRS _ SS _ S _

- A. RRRSR
- B. RSRRS
- C. SRRSR
- D. RSSRR

Answer: B. RSRRS

Q35. Figure-Based Series Question

Select the figure that will replace the question mark (?) in the given figure series.

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: C. Option 3

Q36. A # B means 'A is the mother of B'

A @ B means 'A is the sister of B'

A & B means 'A is the father 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?

- A. Wife's brother
- B. Son
- C. Daughter's husband
- D. Brother

Answer: C. Daughter's husband

Q37. Suman drives 3 km towards north from point A. She turns right and drives 4 km, then turns right and drives 3 km. Finally, she takes another right turn and drives 6 km to reach point B. How far and in which direction should she drive to reach point A again?

- A. 2 km towards south
- B. 3 km towards north
- C. 3 km towards west
- D. 2 km towards east

Answer: D. 2 km towards east

Q38. Figure-Based Series Question

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

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: B. Option 2

Q39. Select the letters that, when sequentially placed from left to right in the blanks, will complete the series.

F U _ U _ E _ U T _ _ E F _ T _ R E _ _ T U _ E

- A. TRFURUUFUR
- B. FUFURUUFTRF
- C. TRFUFURUTUF
- D. FUFURUTFRRF

Answer: A. TRFURUUFUR

Q40. Seven people P, Q, R, S, T, U and V are sitting in a straight row facing north. Only two people sit to the right of U. Only two people sit to the left of R. Only two people sit between U and Q. Only three people sit between R and V. T is not an immediate neighbour of U. S sits to the right of U.

Who sits immediately to the right of U?

- A. P
- B. S
- C. R
- D. T

Answer: B. S

Questions 31–40 are from the middle portion of the Reasoning section.

Q41. In a certain code language, 'CASTLE' is written as 'IFWWNF' and 'DRIVER' is written as 'JWMYGS'. How will 'FEMALE' be written?

- A. MKPDOF
- B. KKQEMG
- C. MJRDNO
- D. LJQDNF

Answer: D. LJQDNF

Q42. Figure-Based Embedded Figure Question

Select the option in which the given figure is embedded. Rotation is NOT allowed.

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: B. Option 2

Q43. Figure-Based Dice Question

Two different positions of the same dice are shown. Select the number that is opposite to the given face.

- A. 4
- B. 1
- C. 5
- D. 2

Answer: A. 4

Q44. Figure-Based Mirror Image Question

Select the correct mirror image of the given figure when the mirror is placed at **MN**.

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: C. Option 3

Q45. Which number will replace the question mark (?) in the following series?

822, 817, 807, 787, ?

- A. 755
- B. 754
- C. 750
- D. 752

Answer: D. 752

Q46. 'X \$ Y' means 'X is the son of Y'

'X @ Y' means 'X is the husband of Y'

'X * Y' means 'X is the sister of Y'

'X # Y' means 'X is the mother of Y'

If **P \$ Q # V @ B**, how is P related to B?

- A. Mother
- B. Son
- C. Father
- D. Husband's brother

Answer: D. Husband's brother

Q47. Select the Venn diagram that best illustrates the relationship between:

Gold, Silver, Jewellery

- A. Figure 1
- B. Figure 2
- C. Figure 3
- D. Figure 4

Answer: A. Option 1

Q48. Select the option containing the letters that, when placed from left to right in the blanks, will complete the series.

_HK_PQ_H_O_QJ_K_P_JH_O_Q

- A. OJKPHOQPK
- B. JOKJPHQOKP
- C. JOJKPHOQKP
- D. OJJKPHQOKP

Answer: C. JOJKPHOQKP

Q49. In a code language, 'WINNER' is written as 'XJOOFS' and 'RALLY' is written as 'SBMMZ'. How will 'CARTOON' be written?

- A. DBSOPPU
- B. CAPTOON
- C. DBSUPPO
- D. CAPNOOT

Answer: C. DBSUPPO

Q50. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

- A. EIO
- B. YCI
- C. PTY
- D. DHN

Answer: C. PTY