

7th June 2023 (Shift - 3)

- Q1.** If AMAZON is coded as ZNZALM, then how word FLIPKART will be coded as?
 (a) UORKZIPG (b) UORKPZIG
 (c) UROKZIPG (d) UROUPZIG
- Q2.** The altitude of an equilateral triangle having perimeter 18 m, is
 (a) $3\sqrt{3}$ m (b) $4\sqrt{3}$ m
 (c) $\frac{\sqrt{3}}{4}$ m (d) $5\sqrt{3}$ m
- Q3.** X-rays were discovered by _____.
 (a) Goldstein (b) William Crooke
 (c) Roentgen (d) Chadwick
- Q4.** Swati throws a die twice. What is the probability that she throws at least one six?
 (a) $\frac{1}{36}$ (b) $\frac{1}{4}$
 (c) $\frac{11}{36}$ (d) $\frac{35}{36}$
- Q5.** If mode and mean of a data are 18 and 21 respectively, then median of the data is
 (a) 60 (b) 19.5
 (c) 22 (d) 30
- Q6.** The area (in sq units) of the triangle formed by joining the point (3,0), (0, 6) and (-5, 0) is
 (a) 6 (b) 12
 (c) 24 (d) 48
- Q7.** How many times do the hour hand and minute hand of a clock coincide in a day?
 (a) 24 (b) 20
 (c) 21 (d) 22
- Q8.** _____ is the basic structural and functional unit of all known living organisms.
 (a) Bacteria (b) Tissue
 (c) Cell (d) Fungi
- Q9.** Who was the founder of Arya Samaj?
 (a) Raja Ram Mohan Roy
 (b) Swami Vivekananda
 (c) Swami Dayanand Saraswati
 (d) Keshab Chandra Sen
- Q10.** A coat is priced at ₹ 6000. In the sale, its price is reduced by 25%. After the sale, its price will be increased by 25% of the reduced price. What will be the price of the coat (in ₹) after the sale?
 (a) 5265 (b) 5625
 (c) 6125 (d) 6000
- Q11.** Divide 243 kg weight in three parts such that half of the first part, one-third of the second part and one-fourth of the third part are equal.
 (a) 63 kg, 84 kg, 96 kg (b) 44 kg, 93 kg, 66 kg
 (c) 48 kg, 63 kg, 132 kg (d) 54 kg, 81 kg, 108 kg
- Q12.** Tower of silence is situated in which State/UT of India?
 (a) Gujarat (b) Maharashtra
 (c) Delhi (d) Rajasthan
- Q13.** A man invested on simple interest, $\frac{1}{4}$ of his capital at 7% p.a., another $\frac{1}{4}$ of the capital at 8% p.a. and the remaining capital at 10% p.a. He earned Rs. 700 as interest in one year. Find his total capital invested.
 (a) Rs. 6000 (b) Rs. 7000
 (c) Rs. 8000 (d) Rs. 9000
- Q14.** A person crosses a 700 m long bridge in $3\frac{1}{2}$ minutes. The speed of the person in km/h is
 (a) 6 (b) 8
 (c) 10 (d) 12
- Q15.** A Hockey Coach is trying to put together a team of 4 players for the forthcoming tournament. For this, 7 players are available. Males P, Q and R and females S, T, U and Z. All players have equal capability and atleast 2 males will be there in the team. For a team of 4, all players must be able to play with each other. But, Q cannot play with S, R cannot play with Z and S. If U is selected and Q is Rejected, then the team will consist of which one of the following groups
 (a) P, R, S and U (b) P, R, T and U
 (c) P, R, U and Z (d) P, S, U and Z
- Q16.** The sum of two numbers is 14 and their quotient is $\frac{5}{2}$. The numbers are:
 (a) 7, 7 (b) 8, 6
 (c) 9, 5 (d) 10, 4
- Q17.** Match List - I With List - II.
- | List - I | | List -II | |
|-----------------------|----------|----------|-----------------------------------|
| 1857 Revolt (Centres) | | Leaders | |
| (A) | Delhi | (I) | Khan Bahadur Khan |
| (B) | Kanpur | (II) | Rani Lakshmi Bai |
| (C) | Jhansi | (III) | Nana Sahib |
| (D) | Bareilly | (IV) | Bahadur Shah and Gen. Bakhti Khan |
- Choose the most appropriate answer from the options given below:
 (a) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
 (b) (A)-(II), (B)-(I), (C)-(IV), (D)-(III)
 (c) (A)-(IV), (B)-(III), (C)-(II), (D)-(I)
 (d) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- Q18.** Math List - I with List - II
- | List - I | | List -II | |
|------------|-------|-----------|----------|
| (Currency) | | (Country) | |
| (A) | Euro | (I) | Iceland |
| (B) | Riel | (II) | Turkey |
| (C) | Krona | (III) | Cambodia |
| (D) | Lira | (IV) | Belgium |
- Choose the correct answer from the options given below:

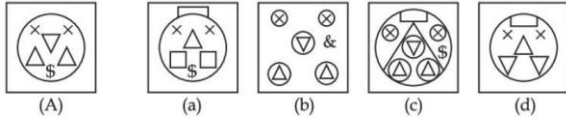
General Test - Previous Year Papers

- (a) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
 (b) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
 (c) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
 (d) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

Q19. Find the radius of a circle in which a sector with central angle 45° has area 154 cm^2 .

- (a) $14\sqrt{2} \text{ cm}$ (b) 14 cm
 (c) $7\sqrt{2} \text{ cm}$ (d) $\frac{21\sqrt{2}}{2} \text{ cm}$

Q20. Find the alternative which contains figure (A) as its part



- (a) (a) (b) (b)
 (c) (c) (d) (d)

Q21. The average of the numbers 5, 3, 9, 11, 29 and $(p + 1)$ is 12. The average increases by 2 when the numbers $(q - 5)$ and $(q + 11)$ are also included. Find the value of q .

- (a) 12 (b) 14
 (c) 17 (d) 18

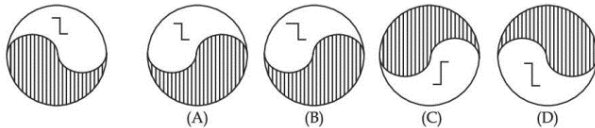
Q22. Match List - I with List -II.

List - I		List -II	
(Jain Tirthankaras)		(Symbolic Representation)	
(A)	Rishabha	(I)	Lion
(B)	Mahavira	(II)	Elephant
(C)	Parshvanath	(III)	Bull
(D)	Ajitrnath	(IV)	Serpent

Choose the most appropriate answer from the options given below:

- (a) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
 (b) (A)-(I), (B)-(IV), (C)-(II), (D)-(III)
 (c) (A)-(II), (B)-(IV), (C)-(III), (D)-(I)
 (d) (A)-(I), (B)-(IV), (C)-(III), (D)-(II)

Q23. Choose alternative which most closely resembles the water image of the given figure.



- (a) (A) (b) (B)
 (c) (C) (d) (D)

Q24. Given below are one statement and one assumption:
Statement: Ashish wrote a second letter to his father after two months when he did not receive any reply of the first letter.

Assumption:

- (I) Ashish's father did not receive the letter.
 (II) His father promptly sends reply to his letters.
 Which Assumption is implicit on the basis of given statement?

- (a) Only (I) is implicit
 (b) Only (II) is implicit
 (c) Both (I) and (II) are implicit
 (d) Either I or II is implicit

Q25. Find odd one out in the given series.

6, 24, 60, 120, 211, 336

- (a) 120 (b) 211
 (c) 336 (d) 60

Q26. Choose the alternative which most closely resembles the mirror image of the given combination.

MARKER

- (a) **REKRAM**
 (b) **WARKER**
 (c) **WARKER**
 (d) **REKRAM**

Q27. Which was the first state to establish Panchayati Raj system in India?

- (a) Rajasthan (b) Uttar Pradesh
 (c) Maharashtra (d) Gujarat

Q28. Three cubes each of volume 343 cm^3 are placed side by side. What will be the surface area of the solid so formed (in cm^2)?

- (a) 343 (b) 686
 (c) 720 (d) 882

Q29. Sunita rode her scooter Northward, then turned left and rode and then again rode to her left for 4 km. She found herself exactly 2 km West to her starting point. How far did she ride Northwards initially?

- (a) 5 km (b) 6 km
 (c) 4 km (d) 2 km

Q30. The Vice-Chancellor of State University is appointed by which authority?

- (a) President (b) Prime Minister
 (c) Governor (d) Home Minister

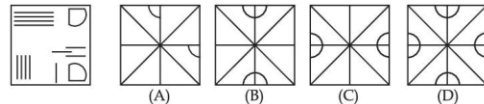
Q31. Who amongst the following leader have launched the newspaper called "Kesari"?

- (a) Bal Gangadhar Tilak (b) Lala Lajpat Rai
 (c) Bipin Chandra Pal (d) Sri Aurobindo Ghosh

Q32. How many types of muscles are there in Human body?

- (a) 2 (b) 3
 (c) 4 (d) 5

Q33. Among the four-answer figure which one can be formed from the cut-out pieces given below.



- (a) (A) (b) (B)
 (c) (C) (d) (D)

Q34. Find which of the statements is/are sufficient to answer the given question.

What does 'Brown' represent in a code language?

- (A) 'hiw ka tac' means 'Brown and Grey' in that code language.
 (B) 'ma ta da' means 'you are Green' in that code language.
 (C) 'ka da rac' means 'you can Brown' in that code language.

- (a) Only (A) and (C) (b) Only (A) and (B)
 (c) Only (B) and (C) (d) All (A), (B) and (C)

General Test - Previous Year Papers

- Q35.** Who has been invited as a chief guest for India's Republic Day 2023?
 (a) Mostafa Madbouly (b) Abdel Fattah El-Sisi
 (c) Joe Biden (d) Rishi Sunak
- Q36.** The speed of a boat in still water is 5 km/h. If it can travel 26 km downstream and 14 km upstream in the same time, then the speed of the stream is
 (a) 1.5 km/h (b) 2 km/h
 (c) 2.5 km/h (d) 3 km/h
- Q37.** A sum of money doubles itself in 10 years on compound interest. In how many years will it become four times?
 (a) 18 (b) 20
 (c) 21 (d) 19
- Q38.** Sumit sold a television at ₹ 15,500 and suffered a loss of 20%. What price did he buy the television?
 (a) ₹21,350 (b) ₹18,730
 (c) ₹19,375 (d) ₹12,916
- Q39.** Which book was written by R.K. Narayan?
 (a) The Z factor (b) Zest for life
 (c) The Dark Room (d) Black Taj
- Q40.** Match List - I with List - II.

List - I (Exponents)		List - II (Musical Instruments)	
(A)	Pt. Ravi Shankar	(I)	Sarod
(B)	Zakir Hussain	(II)	Sitar
(C)	Ustad Ali Akbar Khan	(III)	Shehnai
(D)	Ustad Bismillah Khan	(IV)	Tabla

Choose the most appropriate answer from the options given below:

- (a) (A)-(II), (B)-(IV), (C)-(I), (D)-(III)
 (b) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
 (c) (A)-(III), (B)-(IV), (C)-(III), (D)-(I)
 (d) (A)-(VI), (B)-(II), (C)-(III), (D)-(I)
- Q41.** Anuj notices that the reflection of the hands of wall clock in a mirror is showing the time to be 6 hours 15 minutes. What is the actual time shown by the clock?
 (a) 5:45 (b) 5:15
 (c) 6:45 (d) 6:15
- Q42.** Select a figure from the given four alternatives, which when placed in the blank space of problem figure would complete the pattern.
- Problem figure

Answer figures
- (a) (A) (b) (B)
 (c) (C) (d) (D)
- Q43.** If some words are coded from artificial language, like-
 "Pono dakb" means LIVE RIGHTY
 "dakb Rnato" means LIVE PROFITABLY
 "Htbl dakb" means JUST LIVE
 Which code could mean "LIVE URGENTLY"?
 (a) Wakbo Htbl (b) dakb Wakbo
 (c) Htbl Pono (d) Pono Wakbo

- Q44.** If February 1, 2004 was Wednesday, then which Day was March 3, 2004?
 (a) Sunday (b) Monday
 (c) Friday (d) Saturday
- Q45.** 19th term of the A.P. : 10, 7, 4, ... is
 (a) - 47 (b) - 44
 (c) - 10 (d) - 35
- Q46.** There is a certain relationship between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having same relationship with this number as the numbers of the given pair. Choose the best alternative. 22 : 8 :: 55 : ?
 (a) 18 (b) 19
 (c) 20 (d) 21
- Q47.** Match List - I with list - II.

List - I (Name of Prime Ministers)		List - II (Tenure)	
(A)	Atal Bihari Vajpayee	(I)	10 November 1990 - 21 June 1991
(B)	P.V. Narasimha Rao	(II)	28 July 1979 - 14 January 1980
(C)	Chaudhary Charan Singh	(III)	16 May 1996 - 1 June 1996
(D)	Chandra Shekhar	(IV)	21 June 1991 - 16 May 1996

Choose the most appropriate answer from the options given below:

- (a) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
 (b) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
 (c) (A)-(III), (B)-(IV), (C)-(II), (D)-(I)
 (d) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)
- Q48.** Find the next term in given series.
 2, 5, 10, 17, 26, ?
 (a) 35 (b) 36
 (c) 37 (d) 47
- Q49.** _____ cell converts light energy directly into electric energy.
 (a) Photovoltaic (b) Photoelectric
 (c) Photothermal (d) Photocatalytic
- Q50.** Read the following information carefully to answer the given question.
 Five friends P, Q, R, S and T are sitting on a bench and wearing different colours jacket, i.e., brown, red, yellow, white and grey (not necessarily in this order)
 (A) P is sitting next to Q and wearing red jacket.
 (B) R is sitting next to S and not wearing either brown or grey jacket.
 (C) S is not sitting with T and T is wearing brown jacket.
 (D) T is on the left end of the bench.
 (E) R is on the second position from the right.
 (F) P is on the right of Q and T, and Q is wearing grey jacket.
 (G) P and R sitting together.
 (H) S is not wearing white jacket.

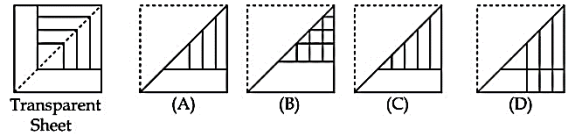
General Test - Previous Year Papers

- What is the color of R's jacket?
 (a) Brown (b) Red
 (c) White (d) Yellow
- Q51.** Simplify

$$\frac{\sqrt{81} + \sqrt[3]{64}}{\sqrt{3^3 + 4^2} + \sqrt[3]{216}}$$
 (a) $\frac{17}{7}$ (b) $\frac{13}{7}$
 (c) $\frac{12}{13}$ (d) $\frac{13}{17}$
- Q52.** 17th Pravasi Bhartiya Diwas in the year 2023 was held in _____
 (a) Mumbai (b) Delhi
 (c) Ahmedabad (d) Indore
- Q53.** Which statements are true?
 (A) Hecataeus is known as the father of Geography.
 (B) Aristotle is known as the father of Geography.
 (C) Historia Naturalia is the famous book of Pliny.
 (D) Historia Naturalia is the famous book of Thalys.
 (E) Hipparchus is known as the father of Geography.
 Choose the most appropriate answer from the options given below:
 (a) (E) and (A) Only (b) (A) and (C) Only
 (c) (B) and (C) Only (d) (D) and (E) Only
- Q54.** If $\cos(x - y) = \frac{\sqrt{3}}{2}$ and $\sin(x + y) = 1$ where $x > y$, then the value of y is:
 (a) 0° (b) 30°
 (c) 60° (d) 90°
- Q55.** Indira Gandhi National Centre for Art was established in the year _____.
 (a) 1985 (b) 1986
 (c) 1987 (d) 1988
- Q56.** Involuntary actions like blood pressure, salivation and vomiting are controlled by the _____.
 (a) Cerebrum (b) Cranium
 (c) Spiral Cord (d) Medulla

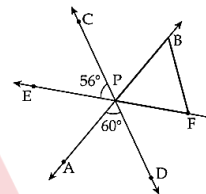
- Q57.** A, B and C worked together for 5 days to build a wall and then B left the work. A and C together finished the remaining work in 5 days. In how many days can A and C working together finish building the whole wall if B alone can do it in 25 days?
 (a) $6\frac{1}{4}$ (b) 10
 (c) 12 (d) $12\frac{1}{2}$

- Q58.** Figure out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



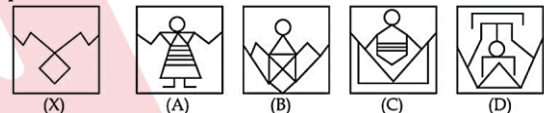
- (a) (A) (b) (B)
 (c) (C) (d) (D)

- Q59.** In the figure, lines AB, CD and EF intersect at P. If $\angle CPE = 56^\circ$, $\angle APD = 60^\circ$ and $PB = PF$, then what is the measure of $\angle PBF$?



- (a) 56° (b) 58°
 (c) 60° (d) 62°

- Q60.** Find the alternative which contains figure (A) as its part.



- (a) (A) (b) (B)
 (c) (C) (d) (D)