

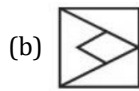
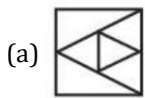
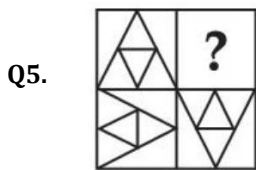
5<sup>th</sup> June 2023 (Shift - 1)

- Q1.** A sum of ₹ 5100 is divided amongst A, B and C, such that the ratio of shares of A and B is 1 : 2 that of B and C is 3 : 4. Find the sum of the shares of A and B.  
 (a) ₹ 3400 (b) ₹ 3060  
 (c) ₹ 2880 (d) ₹ 2700

- Q2.** Mirror image of D L 9 C G 4 7 2 8:  
 (a) 8 2 7 4 9 C 0 9 J C (b) 4 J 9 C 0 4 7 2 8  
 (c) 8 2 7 4 9 C 0 9 J C (d) 8 2 7 4 9 C 0 9 J C

- Q3.** Wrong number in the given series is:  
 7, 28, 63, 124, 215, 342, 511  
 (a) 215 (b) 124  
 (c) 28 (d) 7

- Q4.** China does not share its boundary with which Indian State?  
 (a) Arunachal Pradesh (b) Sikkim  
 (c) Bihar (d) Jammu & Kashmir



- Q6.** A box (12 + x) red balls and (18 + x) green balls. A ball is drawn at random and is found to be red. If the probability of drawn ball is  $\frac{5}{12}$ , then find the value of x.  
 (a) 4 (b) 3  
 (c) 2 (d) 5

- Q7.** Which one of the following will be same as its mirror image?  
 (a) WYTOTYW (b) WYOTTZW  
 (c) WYOTTWZ (d) WYTOTWZ

- Q8.** In a given number 1234567891, we interchange the first and the second digits, the third and the fourth digit and so on. Then which digit will be sixth from the right?  
 (a) 2 (b) 4  
 (c) 7 (d) 6

- Q9.** Who said "Swaraj is my birthright and I shall have it"?  
 (a) Jawahar Lal Nehru (b) Mahatma Gandhi  
 (c) Lala Lajpat Rai (d) Bal Gangadhar Tilak

- Q10.** Given that:  
 (A) P is the brother of Q

- (B) R is the father of P  
 (C) S is the brother of T  
 (D) T is the daughter of Q  
 Who is the uncle of S?

Choose the Correct answer from the options given below:

- (a) P (b) Q  
 (c) R (d) T

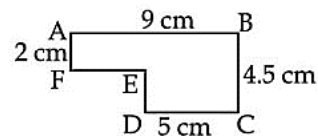
- Q11.** Rome (Italy) is situated on \_\_\_\_\_ river.

- (a) Tiber (b) Vistula  
 (c) Thames (d) Seine

- Q12.** An exterior angle of a regular polygon is 24°. How many sides will the polygon have?

- (a) 12 (b) 10  
 (c) 15 (d) 16

- Q13.** Find the area (in  $cm^2$ ) of the figure ABCDEF when all its sides are perpendicular to their adjacent sides.



- (a) 28.5 (b) 30  
 (c) 30.5 (d) 33

- Q14.** In a Geometric Progression, if the product of the first three terms is  $\frac{27}{8}$ , then its second term is:

- (a)  $\frac{3}{2}$  (b)  $\frac{9}{4}$   
 (c)  $\frac{9}{2}$  (d) 1

- Q15.** If 30 ml solution of 20% alcohol is mixed with 20 ml solution of 25% alcohol, then what is the strength of alcohol in the mixture?

- (a) 23% (b) 21.5%  
 (c) 22% (d) 22.5%

- Q16.** Given below are two statements: one is labelled as Assertion (A) and the other is labelled as Reason (R).  
 Assertion (A): DDT has nowadays lost its use as an Insecticide.  
 Reason (R): DDT is harmful to man.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)  
 (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)  
 (c) (A) is correct but (R) is not correct  
 (d) (A) is not correct but (R) is correct

- Q17.** Mahatma Buddha was born at \_\_\_\_\_.

- (a) Vaishali (b) Kapilvastu  
 (c) Lumbini (d) Patliputra

**General Test - Previous Year Papers**

- Q18.** Which Fundamental Right can be described as the soul and heart of the Constitution?  
 (a) Right to Equality  
 (b) Right against exploitation  
 (c) Right of Freedom  
 (d) Rights to Constitutional Remedies
- Q19.** On dividing a number by 38, we get 90 quotient and 19 as remainder. What is the number?  
 (a) 3439 (b) 3401  
 (c) 3382 (d) 3458
- Q20.** ISRO launched a digital platform on August 12, 2022. This platform is known as:  
 (a) SAMARTH (b) SARTHAK  
 (c) SPARK (d) INSAT
- Q21.** The average of five consecutive natural numbers is 13. If next two natural numbers are also included, then find the new average.  
 (a) 13 (b) 13.5  
 (c) 14 (d) 13.75
- Q22.** If a man starts at 7 a.m. at  $\frac{5}{4}$  of his usual speed, he reaches office 30 minutes early than usual. So, with a new speed at what time he reached his office?  
 (a) 9: 30 a.m. (b) 10 a.m.  
 (c) 9 a.m. (d) 8: 25 a.m.
- Q23.** On compound interest, a certain sum amounts to ₹ 7350 in 2 years and to ₹ 8575 in 3 years. Find the rate of interest.  
 (a)  $\frac{25}{3}$  % (b)  $\frac{50}{3}$  %  
 (c) 25% (d) 33%
- Q24.** The word 'Cell was first coined by Robert Hook in \_\_\_\_\_.  
 (a) 1665 (b) 1838  
 (c) 1839 (d) 1668
- Q25.** Quantum theory was discovered by:  
 (a) Marconi (b) Albert Einstein  
 (c) Max Plank (d) James Chadwick

**Q26.** Match List – I with List – II.

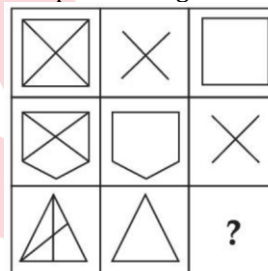
List - I		List - II	
Committees		Report/Subject	
(A)	Balwant Rai Mehta committee	(I)	Working of Panchayats
(B)	Ashok Mehta Committee	(II)	Panchayati Raj
(C)	Hanumanth Rao Committee	(III)	Constitutional status of Panchayats
(D)	L.M. Singhvi Committee	(IV)	Direct level Planning

Choose the correct 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)-(I), (B)-(IV), (C)-(III), (D)-(II)  
 (d) (A)-(III), (B)-(IV), (C)-(I), (D)-(II)

- Q27.** In certain system of coding the word STATEMENT is written as TNEMETATS. In the same way coding, the code for the word "POLITICAL" ?  
 (a) LACITILOP (b) LCATILIOP  
 (c) OPILITACL (d) OPILATACL
- Q28.** A can do a work in 12 days. B's efficiency to do the work is 50% more than that of A. In how many days will B be able to do the work?  
 (a) 8 (b) 10  
 (c) 5 (d) 11
- Q29.** An ice cream is in the form of a cone surmounted by a hemisphere. If the base radius of the cone is 3.5 cm and height of the ice cream is 10 cm, then find the volume of the ice cream (in cm<sup>3</sup>).  
 $(\pi = \frac{22}{7})$   
 (a) 186.92 (b) 109.08  
 (c) 173.25 (d) 218.16
- Q30.** Fractions  $\frac{3}{4}, \frac{2}{3}, \frac{5}{6}, \frac{11}{18}$ , when written in descending order are:  
 (a)  $\frac{11}{18}, \frac{2}{3}, \frac{5}{6}, \frac{3}{4}$  (b)  $\frac{5}{6}, \frac{2}{3}, \frac{3}{4}, \frac{11}{18}$   
 (c)  $\frac{2}{3}, \frac{5}{6}, \frac{3}{4}, \frac{11}{18}$  (d)  $\frac{5}{6}, \frac{3}{4}, \frac{2}{3}, \frac{11}{18}$
- Q31.** If point (x, y) is equidistant from the points (7, 1) and (3, 5), then which one of the following options is correct?  
 (a)  $x - y = 2$  (b)  $x + y = 2$   
 (c)  $x - y = 1$  (d)  $x - y = -2$

**Q32.** Complete the figure:



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

**Q33.** Milk always contains:

- (a) Water (b) Calcium  
 (c) Fats (d) Sugar

**Q34.** Match List – I with List – II.

List - I		List - II	
(UNESCO Word Heritage Sites)		(State)	
(A)	Mahabalipuram Temple	(I)	Karnataka
(B)	Manas Wild Life Sanctuary	(II)	Tamil Nadu
(C)	Monuments of Hampi	(III)	Sikkim
(D)	Khangchendzonga National Park	(IV)	Assam

**General Test - Previous Year Papers**

Choose the correct answer from the options given below:

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

**Q35.** Five students are standing in a circle and all are facing towards the centre of circle. Apurva is on left of Abhishek. Alok is on the left of Apurva. Abinav is b/w Alok and Ankur. Who is sitting next to Abhinav on his immediate Right.

- (a) Alok
- (b) Abhishek
- (c) Apurva
- (d) Ankur

**Q36.** The value of  $\frac{(4.2)^3}{(2.1)^2}$  is:

- (a) 2
- (b) 8
- (c) 16.8
- (d) 19.4

**Q37.** Ministry of Social Justice and Empowerment decided to observe "Constitution Day" on \_\_\_\_\_.

- (a) 26<sup>th</sup> November
- (b) 26<sup>th</sup> December
- (c) 16<sup>th</sup> November
- (d) 16<sup>th</sup> December

**Q38.** If Republic Day of India in 1980 falls on Saturday. Mohan was born on 3<sup>rd</sup> March 1980 and Sohan is 4 days older to Mohan, then Sohan's birthday falls on:

- (a) Wednesday
- (b) Thursday
- (c) Sunday
- (d) Saturday

**Q39.** Which scientist is known as "Birdman of India"?

- (a) Salim Ali
- (b) Gulam Ali
- (c) Noshad Al
- (d) J.C. Bose

**Q40. Statements:**

- (I) Some books are eraser.
- (II) Some erasers are black.
- (III) No black is green

**Conclusions:**

- (I) Some books are green.
- (II) All erasers are green.

Which of the following conclusions can be definitely drawn from the statements given in the options?

- (a) Only (I) follows
- (b) Neither (I) nor (II) follows
- (c) Only (II) follows
- (d) Either (I) or (II) follows

**Q41.** The cost of 5 kg apples and 3 kg oranges is ₹ 535. If the cost of 8 kg apples and 6 kg oranges is ₹ 910, then what is the cost of 2 kg apples and 8 kg oranges?

- (a) ₹ 803
- (b) ₹ 680
- (c) ₹ 520
- (d) ₹ 650

**Q42.** Match List - I with List - II

List - I		List - II	
Players		Games	
(A)	Dhanraj Pillay	(I)	Shooting
(B)	P.V. Sindhu	(II)	Wrestling
(C)	Gagan Narang	(III)	Badminton
(D)	Geeta Phogat	(IV)	Hockey

Choose the correct answer from the options given below:

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

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

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

**Q43.** At what time between 5 and 6 O' clock are the hands of a Clock coincides?

- (a)  $27\frac{3}{11}$  min past 5
- (b)  $22\frac{8}{11}$  min past 4
- (c) 30 min past 5
- (d) 22 min past 4

**Q44.** Who did the partition of Bengal in 1905?

- (a) Lord Mount Batten
- (b) Lord Curzon
- (c) Lord Wavell
- (d) Lord Simon

**Q45.** Match List - I with List - II.

List - I		List - II	
Name of Revolution		Field of the Revolution	
(A)	Green Revolution	(I)	Fruits production in horticulture
(B)	Blue Revolution	(II)	Agriculture
(C)	Golden Revolution	(III)	Egg production
(D)	Silver Revolution	(IV)	Fish production

Choose the correct answer from the options given below:

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

**Q46.** If x and y vary inversely to each other and x = 7 when y = 12, then find y when x when x = 21.

- (a) 3
- (b) 4
- (c) 5
- (d) 6

**Q47.** Find the correct relationships:

- (A) Jaundice - Bones
- (B) Jaundice - Liver
- (C) Dengue - Lungs
- (D) Rickets - Bones
- (E) Tuberculosis - Bones

Choose the correct answer from the options given below:

- (a) (A), (B) and (D) only
- (b) (B) and (D) only
- (c) (B), (D) and (E) only
- (d) (C), (B) and (D) only

**Q48.** Which of the following is/are incorrect?

- (A)  $\sin 0^\circ = 0$
- (B)  $\tan 0^\circ = 0$
- (C)  $\cos 0^\circ = 0$
- (D)  $\operatorname{cosec} 0^\circ = 0$
- (E)  $\sec 0^\circ = 0$

Choose the correct answer from the options given below:

- (a) (A) and (B) only
- (b) (A), (C) and (D) only
- (c) (D) and (E) only
- (d) (C), (D) and (E) only

**Q49.** Who is the father of Indian Archaeology?

- (a) James Burgess
- (b) Sir John Marshall
- (c) Sir Alexander Cunningham
- (d) Carl Ortwin Sauer

**Q50.** The author of the book "The Story of My experiments with Truth" is \_\_\_\_\_.

- (a) Mahatma Gandhi
- (b) Rabindra Nath Tagore

**General Test - Previous Year Papers**

- (c) Chetan Bhagat                      (d) Salman Rushdie
- Q51.** How many such pairs of distinct letters are there in the word 'CHANNEL', which have as many letters between them in the word as in the English alphabet?  
 (a) 1    (b) 2  
 (c) 3    (d) 4
- Q52.** Find the mean of the following frequency distribution:
- |           |   |   |   |   |   |
|-----------|---|---|---|---|---|
| Scores    | 5 | 6 | 7 | 8 | 9 |
| Frequency | 2 | 1 | 3 | 2 | 2 |
- (a) 7    (b) 9  
 (c) 7.1    (d) 7.9
- Q53.** You go north, then turn right, then right again and then go to the left. In which direction are you now?  
 (a) South                                        (b) West  
 (c) East    (d) North
- Q54.** E : 130 :: I : ?  
 Choose the correct option for the missing term.  
 (a) 729    (b) 734  
 (c) 738    (d) 758
- Q55.** Quit India resolution was passed by the Indian National Congress in its \_\_\_\_\_ session.  
 (a) Bombay                                      (b) Lahore  
 (c) Calcutta                                      (d) Lucknow
- Q56.** In a right triangle, length of the hypotenuse is 17 cm. If length of its one side is 15 cm, then the area of the triangle is:  
 (a) 127.5 cm<sup>2</sup>                                    (b) 122.5 cm<sup>2</sup>  
 (c) 60 cm<sup>2</sup>                                        (d) 66.5 cm<sup>2</sup>
- Q57.** In which state prime minister Narendra Modi inaugurated 'Jal Jan Abhiyan'?

- (a) Rajasthan                                  (b) Jharkhand  
 (c) Himachal Pradesh                        (d) Bihar
- Q58.** How many daughters does D have?  
 Statement (I): B and F are sister of A.  
 Statement (II): C is the brother of A and F.  
 Statement (III): C and E are sons of D.  
 Choose the correct option to decide whether the data provided in the statements are sufficient to answer the question:  
 (a) I alone is Sufficient  
 (b) I & II together are Sufficient  
 (c) II & III together are Sufficient  
 (d) All the statements together are not sufficient
- Q59.** Which are the correct examples of Newton's 3<sup>rd</sup> law motion?  
 (A) Recoil of a gun  
 (B) Running horse stops suddenly, the rider bends forward  
 (C) Motion of rocket  
 (D) It gives the definition of force  
 (E) Swimming  
 Choose the correct answer from the options given below:  
 (a) (A), (B) and (C) only                    (b) (A), (C) and (E) only  
 (c) (B), (C) and (D) only                    (d) (C), (D) and (E) only
- Q60.** P sold an item for ₹ 70 and earned 100% profit. What should be the selling price of the item to earn 150% profit?  
 (a) ₹ 105    (b) ₹ 52.50  
 (c) ₹ 87.50                                        (d) ₹ 150