

TPC test-10

Q1. Arrange the words given below in a meaningful sequence.

1. Police	2. Punishment	3. Crime
4. Judge	5. Judgement	

- (a) 3, 1, 2, 4, 5 (b) 1, 2, 4, 3, 5 (c) 5, 4, 3, 2, 1 (d) 3, 1, 4, 5, 2

Q2. Statements: No watch is cycle. No cycle is Motorbike. Some auto are motorbike.

Conclusion:

I. No Motorbike is watch

II. No motor bike is cycle

III. Some cycles are watches

IV. All Motorbikes are watches

- (a) None follows (b) Only I follows (c) Only I and III follow (d) None of these

Q3. Arrange the words given below in a meaningful sequence.

1. Poverty	2. Population	3. Death
4. Unemployment	5. Disease	

- (a) 2, 3, 4, 5, 1 (b) 3, 4, 2, 5, 1 (c) 2, 4, 1, 5, 3 (d) 1, 2, 3, 4, 5

Q4. If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?

- The son of D is the grandson of C.
- B is the sister of D.

- (a) Only 1 (b) Only 2 (c) Either 1 or 2 (d) 1 and 2 both are required

Q5. A number of friends decided to go on a picnic and planned to spend Rs. 96 on their meals. Four of them, however, did not turn up. As a consequence, the remaining ones had to contribute Rs. 2 each extra. The number of those who attended the picnic was:

- (a) 8 (b) 12 (c) 6 (d) 24

Q6. Pointing to a photograph. Brandon said, "He is the son of the only daughter of the father of my brother." How Brandon is related to the man in the photograph?

- (a) Nephew (b) Brother (c) Father (d) Maternal Uncle

Q7. All the trees in the park are flowering trees.

Some of the trees in the park are dogwoods.

All dogwoods in the park are flowering trees.

If the first two statements are true, the third statement is

- (a) true (b) false (c) uncertain

Q8. Which one will replace the question mark?

5	4	7	8
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6	9	5	10
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3	7	2	?
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- (a) 1 (b) 4 (c) 3 (d) 6

Q9. Choose the alternative which is closely resembles the water-image of the given combination.

ACOUSTIC

- (1) ACOUSTIC (2) ACON2TIC
(3) ACOUS2TIC (4) ACON2TIC

- (a) 1 (b) 2 (c) 3 (d) 4

Q10. Select a suitable figure from the Answer Figures that would replace the question mark (?).

Problem Figures:



- (A) (B) (C) (D)

Answer Figures:



- (1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4 (e) 5

Q11. Find the missing number in the series?

18, ?, 100, 180, 294, 448

- (a) 48 (b) 50 (c) 58 (d) 60

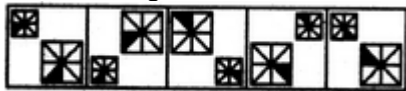
Q12. Find the missing number in the following series?

3, 5, 5, 19, 7, 41, 9, ?

- (a) 71 (b) 61 (c) 79 (d) 69

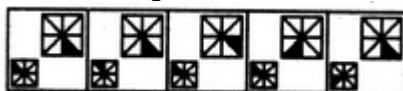
Q13. established by the five Problem Figures.

Problem Figures:



- (A) (B) (C) (D) (E)

Answer Figures:



- (1) (2) (3) (4) (5)

- (a) 1 (b) 2 (c) 3 (d) 4 (e) 5

Q14. Rok walked 20 m towards north. Then he turned right and walks 30 m. Then he turns right and walks 35 m. Then he turns left and walks 15 m. Finally he turns left and walks 15 m. In which direction and how many metres is he from the starting position?

- (a) 15 m West (b) 30 m East (c) 30 m West (d) 45 m East

Q15. Directions: Each of the following questions consists of two words that have a certain relationship to each other, followed by four lettered pairs of words. Select that lettered pair which has the same relationship as the original pair of words.

Chocolate: Sugar

- (a) Egg: Yolk (b) Road: Traffic **(c) Building: Cement** (d) Milk: Cream

Direction 16-20: A school has four sections A, B, C, D of Class IX students.

Result	No. of students			
	Section A	Section B	Section C	Section D
Students failed in both exams	28	23	17	27
Students failed in half-yearly but passed in annual exams	14	12	8	13
Students passed in half-yearly but failed in annual exams	6	17	9	15
Students passed in both exams	64	55	46	76

Q16. If the number of students passing an examination be considered a criteria for comparison of difficulty level of two examinations, which of the following statements is true in this context?

- (a) Half yearly examinations were more difficult.
 (b) Annual examinations were more difficult.
 (c) Both the examinations had almost the same difficulty level.
 (d) The two examinations cannot be compared for difficulty level.

Q17. How many students are there in Class IX in the school?

- (a) 336 (b) 189 (c) 335 (d) 430

Q18. Which section has the maximum pass percentage in at least one of the two examinations?

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

Q19. Which section has the maximum success rate in annual examination?

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

Q20. Which section has the minimum failure rate in half yearly examination?

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

Q21. In a restaurant $\frac{2}{9}$ of the people are French men, if number of French women are 95 more than number of French men considering there were no other people. Find the number of French women?

- (a) 133 (b) 38 (c) 95 (d) 19

Q22. The product of two numbers is 4107. If the H.C.F. of these numbers is 37, then the greater number is:

- (a) 101 (b) 107 (c) 111 (d) 185

Q23. A, B and C enter into a partnership in the ratio $\frac{7}{2} : \frac{4}{3} : \frac{6}{5}$. After 4 months, A increases his share 50%. If the total profit at the end of one year be Rs. 43,200, then B's share in the profit is:

- (a) Rs. 2100 (b) Rs. 2400 (c) Rs. 3600 (d) Rs. 8000

Q24. Let M be the greatest number that will divide 1305, 4665 and 6905, leaving the same remainder in each case. Then sum of the digits in M is:

- (a) 4 (b) 5 (c) 6 (d) 8

Q25. The average monthly income of P and Q is Rs. 6050. The average monthly income of Q and R is Rs. 5250 and the average monthly income of P and R is Rs. 6200. The monthly income of P is: 12100
10500 12400

- (a) 3500 (b) 4000 (c) 4050 (d) None of these

Q26. Ameena made strawberry jam and raspberry jam. She made enough strawberry jam to fill $\frac{5}{6}$ of a jar. If she made 2 times as much raspberry jam as strawberry jam, how many jars would the raspberry jam fill?

- (a) $\frac{5}{3}$ (b) 3 (c) $\frac{2}{3}$ (d) None of these

Q27. A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half ($\frac{1}{2}$). The number of pupils in the class is:

- (a) 10 (b) 20 (c) 40 (d) 73

Q28. In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is $\frac{2}{3}$ of the number of students of 8 years of age which is 48. What is the total number of students in the school?

- (a) 72 (b) 80 (c) 120 (d) 150 (e) 100

Q29. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 15000, the number of valid votes that the other candidate got, was:

- (a) 2700 (b) 2900 (c) 3000 (d) 5400

Q30. A dishonest shopkeeper claims to sell goods at cost price but uses a weight of 900 gm for 1 kg. find the percentage profit to the shopkeeper?

- (a) 10% (b) 9.09% (c) 11.11% (d) None of these

Q31. The percentage profit earned by selling an article for Rs. 1920 is equal to the percentage loss incurred by selling the same article for Rs. 1280. At what price should the article be sold to make 20% profit?

- (a) Rs. 2000 (b) Rs. 1920 (c) Rs. 2400 (d) Data inadequate

Q32. A train 125 m long passes a man, running at 5 km/hr in the same direction in which the train is going, in 10 seconds. The speed of the train is:

- (a) 45 km/hr (b) 50 km/hr (c) 54 km/hr (d) 55 km/hr

Q33. If the profit is 20% of selling price and cost price of an article is Rs. 32. Find the selling price ?

- (a) Rs. 25.6 (b) Rs. 40 (c) Rs. 38.4 (d) None of these

Q34. Adam can do a piece of work in 10 days, and Brandon can do the same work in 20 days. With the help of Catty, they finished the work in 4 days. Catty can do the work in how many days, working alone?

- (a) 5 days (b) 10 days (c) 15 days (d) 20 days (e) 25 days

Q35. A and B can do a piece of work in 20 days, B and C can do it in 60 days. If B alone can do it in 90 days, in how many days will A and C do it together?

- (a) 45 days (b) 22.5 days (c) 25 days (d) 18 days (e) 12 days

Q36. Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

- (a) 8 kmph (b) 11 kmph (c) 12 kmph (d) 14 kmph

Q37. Find a perfect square nearest to 1449?

- (a) 1442 (b) 1444 (c) Data inadequate (d) None of these

Q38. What is the difference between the greatest 5 digit number and the smallest 5 digit number?

- (a) 99998 (b) 89999 (c) 89990 (d) 99990

Q39. There are 20 people in a party. If every person shakes hand with every other person, what is the total number of handshakes?

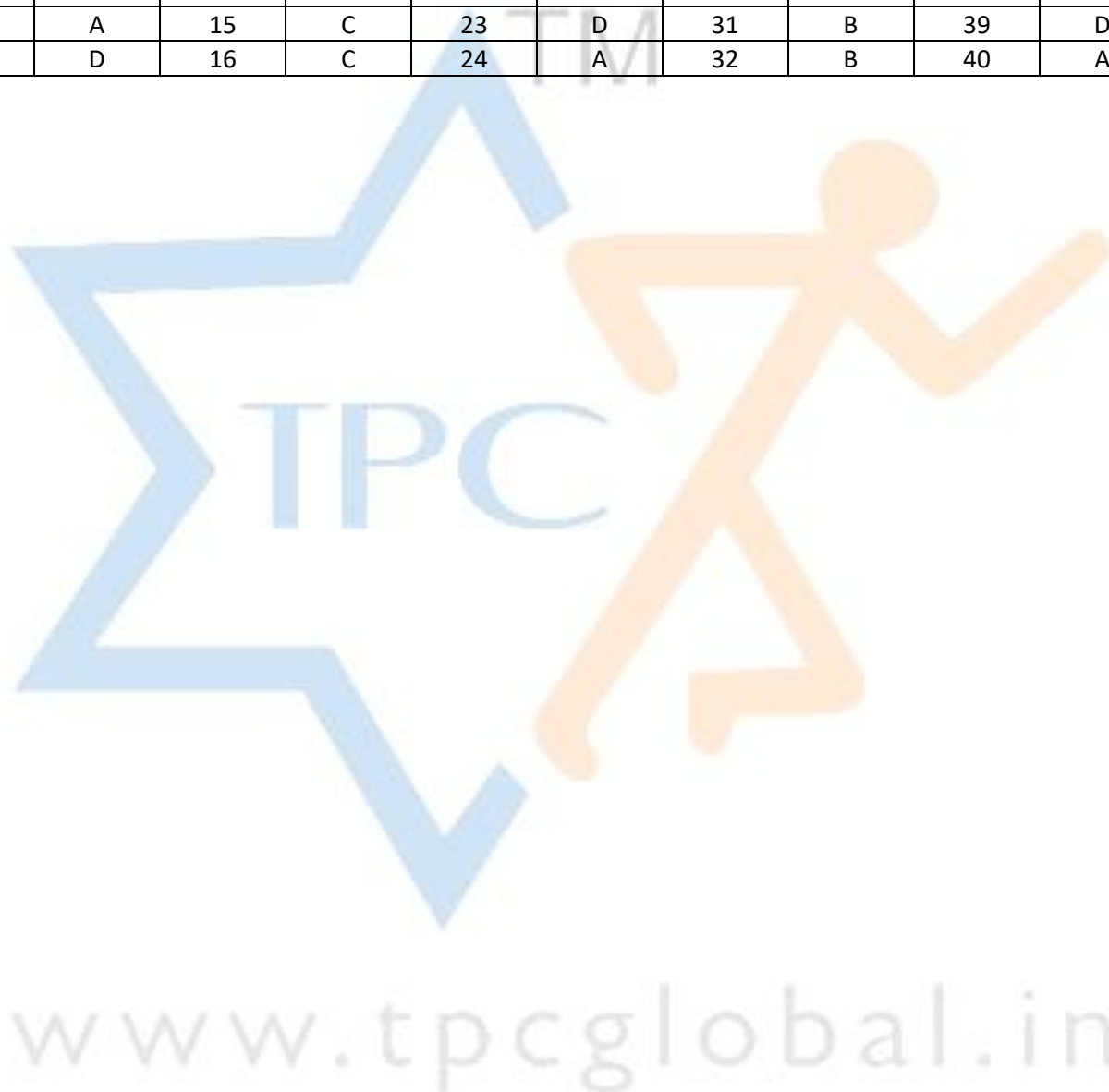
- (a) 180 (b) 155 (c) 145 (d) 190

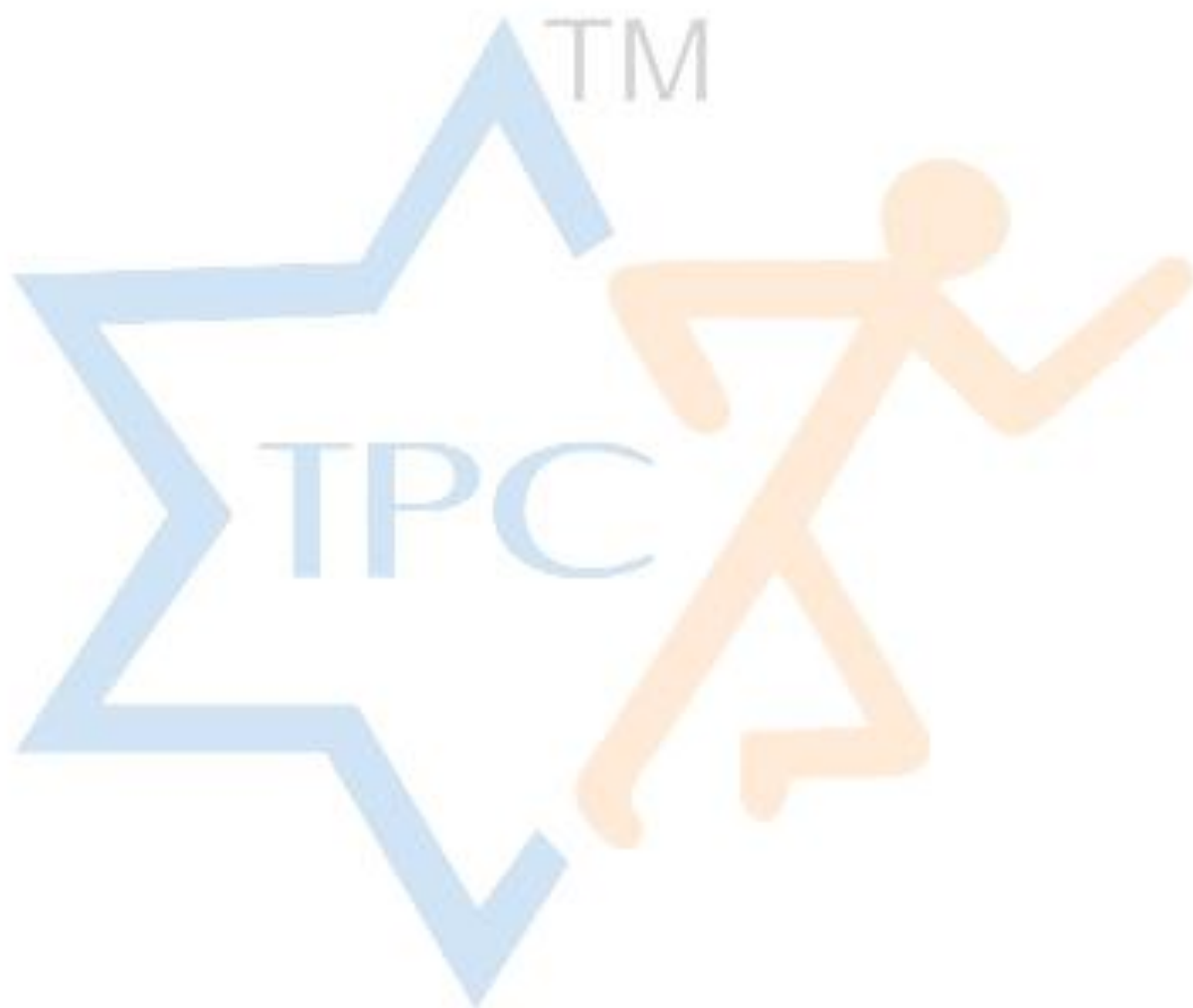
Q40. A 107 digit number is formed by writing first 58 natural numbers next to each other. Find the remainder when number is divided by 8.

- (a) 6 (b) 10 (c) 4 (d) 9

Answer key

1	D	9	B	17	D	25	D	33	B
2	D	10	C	18	D	26	A	34	B
3	C	11	A	19	A	27	C	35	B
4	D	12	A	20	D	28	E	36	C
5	C	13	A	21	A	29	D	37	B
6	D	14	D	22	C	30	C	38	B
7	A	15	C	23	D	31	B	39	D
8	D	16	C	24	A	32	B	40	A





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