



APT-TECH

TCS SPECIFIC LOGICAL REASONING APTITUDE TEST

1. Select the right option from the given alternatives Ria, Sia, Gia, and Mia went to a college party with Taksh, Ashk, Vansh, and Karan. All were supposed to dance there. Ria did not dance with Taksh or Vansh, Gia knew only disco dance and Ashk and Vansh did not know disco. Mia and Vansh are bitter enemies and won't dance with each other. Given a choice, Aksh won't dance with Mia. Karan's partner is Gia. Who was Mia's dance partner?

- 1) Taksh 2) Aksh 3) Karan 4) Vansh

2. Anuj, Beena, Chirag, Devesh, and Eeshan are five friends. They have their birth dates from June to October, each one born in one of these months. Each one likes one particular item for his / her birthday out of Cake, Chocolate, Pastry, Ice-cream, and Pancakes. The one who likes Pancakes is born in August. Chirag does not like pancakes but brings Cake for Devesh in September. Eeshan who is fond of Ice-cream is born in the next month immediately after Beena. Beena does not like Ice-cream or Chocolate.

What is the choice of Chirag?

- 1) Chocolate 2) Pastry 3) Pancake 4) Ice-Cream

3. Anuj, Beena, Chirag, Devesh, and Eeshan are five friends. They have their birth dates from June to October, each one born in one of these months. Each one likes one particular item for his / her birthday out of Cake, Chocolate, Pastry, Ice-cream, and Pancakes. The one who likes Pancakes is born in August. Chirag does not like pancakes but brings Cake for Devesh in September. Eeshan who is fond of Ice-cream is born in the next month immediately after Beena. Beena does not like Ice-cream or Chocolate.

In which month Eeshan is born?

- 1) June 2) July 3) August 4) September

4. If TRANQUIL is coded as 20181141721912, then PERPLEX will be coded as:

- 1) 165181612524 2) 161514131211 3) 161718191112 4) None

5. In certain code language VISION is written as WGTGPL, then in the same code language MISSION is written as:

- 1) NGTQJMO 2) NGTJQOM 3) NGQTJMO 4) JMOQPTH

6. If SMALL is coded as 75, CLAY is coded as 14, then CRIME is coded as:

- 1) 84 2) 48 3) 39 4) 05

7. How is David's father's only daughter-in-law's son's wife related to David?

- 1) Daughter 2) Daughter-in-law 3) Niece 4) Mother



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8. A soldier loses his way in a thick jungle. At random he walks from his camp but mathematically in an interesting fashion. First, he walks one mile East then the half mile to North. Then $\frac{1}{4}$ mile to West, then $\frac{1}{8}$ mile to South and so on making a loop. Finally how far he is from his camp and in which direction?

- 1) 0.76 miles 2) 1 miles 3) 0.44 miles 4) 0.2 miles

9. A girl leaves from her home. She first walks 30 metres in North- west direction and then 30 metres in South-west direction. Next, she walks 30 metres in South-east direction. Finally, she turns towards her house. In which direction is she moving?

- 1) North-east 2) North-west 3) South-east 4) South-west

10. A boy rode his bicycle Northward, then turned left and rode 1 km and again turned left and rode 2 km. He found himself 1 km west of his starting point. How far did he ride northward initially?

- 1) 1 km 2) 2 km 3) 3 km 4) 5 km

11. One evening before sunset Rekha and Hema were talking to each other face to face. If Hema's shadow was exactly to the right of Hema, which direction was Rekha facing?

- 1) North 2) South 3) East 4) Data inadequate

12. QAR, RAS, SAT, TAU, _____

- 1) UAV 2) UAT 3) TAS 4) TAT

13. QPO, NML, KJI, _____, EDC

- 1) HGF 2) CAB 3) JKL 4) GHI

14. 4, 5, 9, 18, 34, ?

- 1) 59 2) 51 3) 46 4) 44

15. 5, 16, 49, 104, ?

- 1) 191 2) 183 3) 171 4) 181

16. 2, 3, 5, 8, 13, ?, 34

- 1) 8 2) 13 3) 34 4) 21

17. In the following question, find the next term in the number series.

196, 169, 144, 121, 100, ?

- 1) 81 2) 100 3) 121 4) 144

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18. How many students are there in the class?

I. There are more than 20 but less than that 27 students in the class.

II. There are more than 24 but less than 31 students in the class.

The number of students in the class can be divided into groups such that each group contains 5 students.

1) Statement I alone are sufficient to answer the question, while Statement II alone are not sufficient to answer the question

2) Statement II alone are sufficient to answer the question, while Statement I alone are not sufficient to answer the question

3) If the data either in Statement I alone or Statement II alone are sufficient to answer the question

4) both the Statement I and II are together necessary to answer the question

19. In which year was Rahul born?

Statement I: Rahul at present is 25 years younger to his mother.

Statement II: Rahul s brother, who was born in 1964, is 35 years younger to his mother.

1) I alone is sufficient while II alone is not sufficient

2) II alone is sufficient while I alone is not sufficient

3) Either I or II is sufficient

4) Both I and II are sufficient

20. What will be the total weight of 10 poles, each of the same weight ?

Statements I: One-fourth of the weight of each pole is 5 kg.

Statements II: The total weight of three poles is 20 kilograms more than the total weight of two poles.

1) I alone is sufficient while II alone is not sufficient

2) II alone is sufficient while I alone is not sufficient

3) Either I or II is sufficient

4) Neither I nor II is sufficient

21. How many children does M have ?

Statements:

I. H is the only daughter of X who is wife of M.

II. K and J are brothers of M.

1) Neither I nor II is sufficient

2) II alone is sufficient while I alone is not sufficient

3) Either I or II is sufficient

4) I alone is sufficient while II alone is not sufficient



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22. 1. Country 2. Furniture 3. Forest 4. Wood 5. Trees

1) 1,2,3,4,5

2) 5,4,3,2,1

3) 3,5,4,2,1

4) 1, 3, 5, 4, 2

23. 1. Protect 2. Pressure 3. Relief 4. Rain 5. Flood

1) 2,4,5,1,3

2) 1,4,3,2,5

3) 2,4,3,1,5

4) 5,2,3,1,4

24. Study the following information carefully and the questions given below. Bharathi, Kaviya, Marathi, Nithya, Oviya, Pragathi, Ramya, and Shruthi are sitting around a circular table facing the center, but not necessarily in the same order. Shruthi sits second to the right of Pragathi. Only two persons sit between Shruthi and Kaviya. Oviya sits opposite to Bharathi, who is not an immediate neighbor of Kaviya and Pragathi. Nithya is the immediate neighbor of Kaviya and Bharathi. Magathi sits third to the right of Bharathi.

What is the position of Oviya with respect to Bharathi?

1) Fourth to the left

3) Fourth to the right

2) Third to the left

4) Both 1) and 3)

25. QDXM : SFYN :: UIOZ : ?

1) PAQM

2) LPWA

3) QNLA

4) WKPA

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