

Flextronics Reasoning Placement Paper

1. A is the father of B, but B is not the son of A. C is the daughter of B. D is the spouse of A. How is D related to C?

- a) Grandmother**
- b) Grandfather**
- c) Mother**
- d) Aunt**

Answer: a) Grandmother

2. If in a certain code, "PENCIL" is written as "RCTEKM", how is "ERASER" written in that code?

- a) GTBUBT**
- b) GTCVGT**
- c) CTGVCG**
- d) GTBUCG**

Answer: a) GTBUBT

3. A man walks 10 km north, then turns right and walks 5 km, then turns left and walks 7 km. In which direction is he now?

a) North-East

b) North

c) East

d) West

Answer: a) North-East

4. Find the missing term in the series: 3, 9, 27, 81, __, 729

a) 162

b) 243

c) 324

d) 405

Answer: b) 243

5. A, B, C, D, and E are sitting in a row. C is between A and D. A is not at the extreme end. E is to the right of D but not next to it. Who is sitting at the extreme left?

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

Answer: b) B

6. Statements: All cats are dogs. Some dogs are birds.

Conclusions:

Some cats are birds.

Some dogs are cats.

- a) Only conclusion 1 follows**
- b) Only conclusion 2 follows**
- c) Both follow**
- d) Neither follows**

Answer: b) Only conclusion 2 follows

7. Find the odd one out: 841, 961, 1024, 1369

- a) 841
- b) 961
- c) 1024
- d) 1369

Answer: c) 1024

8. A clock shows 2:45. What is the angle between the hour and minute hands?

- a) 97.5°
- b) 105°
- c) 112.5°
- d) 120°

Answer: a) 97.5°

9. Arrange the following words in a logical sequence:

Germination

Flower

Seed

Fruit

Plant

a) 3, 1, 5, 2, 4

b) 3, 1, 2, 5, 4

c) 3, 2, 1, 5, 4

d) 3, 5, 1, 2, 4

Answer: a) 3, 1, 5, 2, 4

10. A bag contains 5 red, 4 blue, and 3 green balls. If one ball is picked at random, what is the probability that it is not blue?

a) $\frac{1}{3}$

b) $\frac{2}{3}$

c) $\frac{3}{4}$

d) $\frac{5}{12}$

Answer: b) $\frac{2}{3}$

11. A is 5 years older than B, and B is twice as old as C. If C is 10 years old, how old is A?

- a) 20 years**
- b) 25 years**
- c) 30 years**
- d) 35 years**

Answer: c) 30 years

12. If "SILENT" is coded as "LISTEN," how is "ELBOW" coded?

- a) BLEWO**
- b) BOWEL**
- c) WOBLE**
- d) ELBOW**

Answer: b) BOWEL

13. Two trains of length 200m and 300m are moving in opposite directions at speeds of 40 km/h and 60 km/h. How much time will they take to cross each other?

- a) 10 sec**
- b) 12 sec**
- c) 15 sec**
- d) 18 sec**

Answer: b) 12 sec

14. If 4 men can do a work in 6 days, how many men are required to complete the same work in 3 days?

- a) 2**
- b) 6**
- c) 8**
- d) 10**

Answer: c) 8

15. Pointing to a boy, Ramesh said, "He is the son of my mother's only son." How is Ramesh related to the boy?

- a) Uncle**
- b) Father**
- c) Brother**
- d) Grandfather**

Answer: b) Father