BLOGS

Logical Reasoning Questions for CLAT UG 2026- Part II

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1. In a family of 7, A is the father of B, who is the sister of C. D is married to A. F is the son of D and G is the daughter of C. Who is the grandmother of G?

A. A

B. D

C. B

D. F

Answer: B. D

Explanation: D is mother of C → grandmother of G.

2. In a certain code, 54983 is written as 45176. How is 24839 written in that code?

A. 24176

B. 24167

C. 24179

D. 25176

Answer: A. 24176

Explanation: Map digits using given logic: 5→4, 4→5, etc.

3. If 'BANK' is coded as '2753' and 'RANK' is '1753', what is the code for 'BARK'?

A. 2753

B. 2713

C. 1752

D. 2715

Answer: B. 2713

Explanation: Letter-to-number mapping yields B→2, A→7, R→1, K→3.

4. A person moves 30 m north, turns left and walks 40 m, turns right and walks 20 m, then turns right and walks 40 m. How far is he from the starting point?

A. 30 m

B. 50 m

C. 20 m

D. 60 m

Answer: B. 50 m

Explanation: Net movement forms a triangle → distance = $\sqrt{(10^2 + 40^2)} = 50$ m.

5. All pens are pencils. Some pencils are rubbers.

Conclusion I: Some rubbers are pens.

Conclusion II: Some pencils are pens. Which conclusion(s) follow?

A. Only I

B. Only II

C. Both I and II

D. Neither I nor II

Answer: B. Only II

Explanation: All pens are pencils → Some pencils are pens is true. No link between pens and rubbers.

6. If $2x + 3y = 12$ and $x + y = 5$, what is the value of x?

A. 2

B. 3

C. 4

D. 5

Answer: B. 3

Explanation: Substitute $y = 5 - x$ → Solve: $2x + 3(5 - x) = 12 \rightarrow x = 3$.

7. Four friends A, B, C, D are sitting in a straight line. C is to the immediate left of A. D is not at the ends. Who is sitting at the extreme right?

A. A

B. B

C. C

D. D

Answer: A. A

Explanation: Only valid arrangement: C A D B → A is at extreme right.

8. Which number does not belong in the series: 3, 6, 12, 24, 48, 100, 192?

A. 100

B. 192

C. 48

D. 12

Answer: A. 100

Explanation: Series doubles each time. 48×2 = 96 ≠ 100.

9. From a point, a man walks 18 m north, then 24 m east. How far is he from the starting point?

A. 30 m

B. 36 m

C. 42 m

D. 40 m

Answer: A. 30 m

Explanation: Distance = The square root of the sum of the squares of 18 and 24 is the square root of 900= 30m.

10. A cube is painted red on all faces and then cut into 64 smaller equal cubes. How many small cubes have exactly two faces painted?

A. 24

B. 8

C. 12

D. 16

Answer: A. 24

Explanation: Each edge (excluding corners) gives 2-face-painted cubes. 12 edges × 2 = 24.

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