

1. Blood Relations

Question:

If A is the father of B and B is the mother of C, how is A related to C?

- A) Grandfather
- B) Uncle
- C) Father
- D) Grandmother

Answer:

- A) Grandfather
-

2. Number Series

Question:

Find the next number in the series: 2, 6, 12, 20, 30, ____

- A) 36
- B) 42
- C) 40
- D) 48

Answer:

- B) 42

Explanation: The pattern increases by consecutive even numbers: +4, +6, +8, +10, so the next number is $30 + 12 = 42$.

3. Coding-Decoding

Question:

In a certain code, "GREAT" is written as "HRBSU". How is "HELLO" written in that code?

- A) IFMMP
- B) IFMNO
- C) GFLMN
- D) GFLMO

Answer:

- A) IFMMP

Explanation: Each letter is shifted forward by one position in the alphabet.

4. Direction Sense

Question:

If a person walks 5 km north, then 3 km east, and then 5 km south, in which direction is he from the starting point?

- A) North
- B) South
- C) East
- D) West

Answer:

- C) East

Explanation: After walking north and south, the person is 3 km east of the starting point.

5. Odd One Out

Question:

Which of the following does not belong?

- A) 2
- B) 4
- C) 6
- D) 9

Answer:

- D) 9

Explanation: All numbers except 9 are even.

6. Statement and Conclusion

Question:

Statement: All roses are flowers. Some flowers fade quickly.

Conclusion: Some roses fade quickly.

- A) True
- B) False
- C) Uncertain

Answer:

- C) Uncertain

Explanation: The statement does not provide enough information to conclude that some roses fade quickly.

7. Analogies

Question:

Book is to Reading as Fork is to:

- A) Drawing
- B) Writing
- C) Stirring
- D) Eating

Answer:

D) Eating

Explanation: A book is used for reading, and a fork is used for eating.

8. Venn Diagram

Question:

In a class of 40 students, 25 like tea, 20 like coffee, and 10 like both. How many students like only tea?

- A) 15
- B) 10
- C) 5
- D) 20

Answer:

A) 15

Explanation: Students who like only tea = 25 (like tea) - 10 (like both) = 15.

9. Logical Sequences

Question:

What comes next in the sequence: 1, 4, 9, 16, ____

- A) 20
- B) 25
- C) 30
- D) 36

Answer:

B) 25

Explanation: The numbers are perfect squares: 1^2 , 2^2 , 3^2 , 4^2 , so the next is $5^2 = 25$.

10. Syllogisms

Question:

All cats are animals. Some animals are pets. Can we conclude that some cats are pets?

- A) Yes
- B) No
- C) Cannot be determined

Answer:

- C) Cannot be determined

Explanation: The statement does not provide enough information to conclude that some cats are pets.
