1. Analogy

Question:
Melt : Liquid :: Freeze : ?

a) Ice
b) Condense
c) Solid
d) Crystal

Answer: c) Solid

Explanation:
"Melt" transforms a solid into a liquid, while "Freeze" transforms a liquid into a solid.

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2. Coding-Decoding

Question:
If HARD is coded as 1357 and SOFT is coded as 2468, what will 21448 stand for?

a) SHAFT
b) SHORT
c) SHOOT
d) SHART

Answer: c) SHOOT

Explanation:
Assigning numbers: H=1, A=3, R=5, D=7, S=2, O=4, F=6, T=8.
Thus, 2(S),1(H),4(O),4(O),8(T) = SHOOT.

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3. Blood Relations

Question:
Raman is not wearing purple, and Aman is not wearing black. Raman and Sahil wear different colors. Avinash alone wears green. What is Sahil's color, if all four of them are wearing different colors?

a) Green
b) Black
c) Purple
d) Can't Say

Answer: b) Black

Explanation:
Avinash wears green. Raman doesn't wear purple; Aman doesn't wear black. Since all colors are unique and Sahil's color isn't specified, but given the constraints, Sahil must be wearing black.

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4. Number Series

Question:
Find the next number in the series: 1, 4, 9, 16, ?

a) 25
b) 36
c) 49
d) 64

Answer: a) 25

Explanation:
The series represents squares of natural numbers: 1^2, 2^2, 3^2, 4^2, so next is $5^2 = 25$.

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5. Direction Sense

Question:
A man walks 5 km north, then turns right and walks 3 km. He then turns right and walks 5 km. Which direction is he facing now?

a) North
b) South
c) East
d) West

Answer: d) West

Explanation:
He ends up facing the opposite direction from where he started, which is west.

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6. Statement and Conclusion

Question:
Statement: All apples are fruits. Some fruits are bananas.
Conclusion: Some apples are bananas.

a) True
b) False
c) Can't say
d) None of the above

Answer: c) Can't say

Explanation:
The information doesn't provide a direct relationship between apples and bananas.

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7. Odd One Out

Question:
Find the odd one out: 2, 3, 5, 7, 9, 11

a) 9
b) 7
c) 5
d) 3

Answer: a) 9

Explanation:
All numbers are prime except 9.

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8. Syllogism

Question:
Statements:
All cats are animals.
Some animals are dogs.
Conclusions:
I. Some cats are dogs.
II. All animals are cats.

a) Only I follows
b) Only II follows
c) Both follow
d) Neither follows

Answer: d) Neither follows

Explanation:
No direct relationship between cats and dogs is established; also, not all animals are cats.

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9. Puzzle

Question:
If in a certain code, 'APPLE' is written as 'ELPPA', how is 'ORANGE' written?

a) EGNARO
b) EGARNO
c) EGRANO
d) EGNRAO

Answer: a) EGNARO

Explanation:
The word is reversed.

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10. Data Sufficiency

Question:
Question: What is the age of John?

Statements:
I. John is older than Peter.
II. Peter is 25 years old.

a) Statement I alone is sufficient.
b) Statement II alone is sufficient.
c) Both statements together are sufficient.
d) Both statements together are not sufficient.

Answer: c) Both statements together are sufficient.

Explanation:
Statement I gives a relative age; Statement II provides Peter's age. Together, they determine John's age.