iRAO

International Reasoning and Aptitude Olympiad

CLASS 9 SAMPLE QUESTIONS

The Actual Question Paper Contains 40 Questions. The Duration of the Test Paper is 50 Minutes.

1. What comes in place of the question mark?

Mudguard : Cycle : : Physics : ?

(A) Biology   (B) Mathematics
(C) Science   (D) Chemistry

Directions (Questions 2 and 3): Study the information given below carefully and answer the questions that follow:

Six children are playing football, namely A, B, C, D, E and F. A and E are brothers. F is the sister of E. C is the only son of A's uncle. B and D are the daughters of the brother of C's father.

2. How is C related to F ?
(A) Cousin   (B) Brother   (C) Son   (D) Uncle

3. How many male players are there?
(A) One   (B) Three   (C) Four   (D) Five

Directions (Questions 4 and 5): Carefully study the information given below and answer the questions that follow:

A, B, C, D, E, F, G, H and I are nine houses. C is 2 km east to B. A is 1 km north to B and H is 2 km south to A. G is 1 km west of H while D is 3 km east of G and F is 2 km north to G. I is situated just in the middle of B and C while E is just in middle of H and D.

4. Distance between E and G is:
(A) 1 km   (B) 1.5 km   (C) 2 km   (D) 5 km

5. Distance between E and I is:
(A) 1 km   (B) 2 km   (C) 3 km   (D) 4 km

6. Which term will replace the question mark in the following series?

ABD, DGK, HMS, MTB, SBL, ?

(A) QOL   (B) ZKW   (C) TOL   (D) QNL

7. Find the missing value of (?) based on the given matrix.

2	4	16	256
3	9	81	6561
4	16	256	65536
5	25	625	?

(A) 400625   (B) 380625   (C) 390625   (D) 480625

Directions (Questions 8 and 9): *In each of the questions given below there are two or three statements, followed by two or three conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the carefully conclusions and to decide which of the given conclusions logically follows from the given statements.*

8. Statements:
I.   All dogs are cats.
II. All cats are rats.
Conclusions:
I.   All dogs are rats.
II. Some rats are cats.
III. Some cats are dogs.
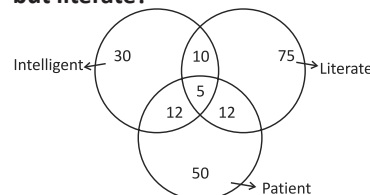(A) Only I follows   (B) Only II follows
(C) Only III follows   (D) All follows

9. Statements:
I.   Some plants are mountains.
II. All plants are rivers.
Conclusions:
I.   All mountains are plants.
II. Atleast some mountains are rivers.
(A) Only I follows
(B) Only II follows
(C) If either conclusion I or conclusion II follows
(D) If neither conclusion I nor conclusion II

10. Study the following picture carefully and identify the area which depicts such intelligent people who are not patient but literate?

(A) 30, 5, 75   (B) 50, 30, 75
(C) 12, 15, 10   (D) 30, 10, 75

ANSWERS									
1. (C)	2. (A)	3. (B)	4. (C)	5. (A)	6. (B)	7. (C)	8. (D)	9. (B)	10. (D)