



An Eye on Talent

Olympiad Aptitude Test Logical Reasoning Class XI

In each of the following questions find out the alternative which will replace the question mark.

1. Find the missing one: ED : HG :: RQ : ?

- a) UM
- b) VM
- c) UQ
- d) UP
- e) None of these

2. How many pages of the Book did Divya read on Sunday?

I. Divya read the last 50 pages of the book on Monday morning

II. The book has 300 pages out of which two-thirds were read by Divya before Sunday.

- a) If the data in statement I alone are sufficient
- b) If the data in statement II alone are sufficient
- c) If the data either in statement I alone or statement II alone are sufficient to answer
- d) If the data given in both I and II together are not sufficient
- e) If the data in both the statements I and II together are necessary to answer

A family consists of six members P, Q, R, X, Y and Z. P and R are married couple.

Q is the son of R but R is not the mother of Q. Y is the brother of R. X is the daughter of P. Z is the brother of P

3. How many female members are there in the family?

- a) One
- b) Two
- c) Three
- d) Four
- e) None of the above

4. Below question contains few statements followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statements:

Some wins are trophies.

Some trophies are cups.

No cup is a prize.

Conclusion:

I. At least some cups are wins.

II. All prizes being trophies is a possibility.

- a) if only conclusion I follows
- b) if only conclusion II follows
- c) if either conclusion I or conclusion II follows
- d) if neither conclusion I nor conclusion II follows
- e) if both the conclusion I and conclusion II follows

6. Quip : Retort :: Magnificent : ?

- a) Expressed
- b) Liberation
- c) Splendid
- d) Definite
- e) None of these

7. Total : 100 people

Dance only : 20

Music only : 23

Sports only : 10

Dance and Sports only : 9

Dance and Music only : 16

Sports and Music only : 14

Dance, Sports and Music : 5

None of these activities : 29

How many students participate in Music and sports?

- a) 15
- b) 14
- c) 16
- d) 17
- e) 12

8. Statement: The Union Ministry of Tourism and Civil Aviation has fixed an annual target of Rs 10,000 crores by way of tourism earnings towards the end of the current decade.

Courses of Action:

- I. There is no need of development of further new tourist spots to meet the target.
II. The Ministry should evolve attractive packages to woo the foreign tourists to meet the target.

- a) Only I follows
- b) Only II follows
- c) Either I or II follows
- d) Neither I nor II follows
- e) Both I and II follow

9. Direction: Study the following arrangement carefully and answer the question given below:

H B 8 \$ W E 7 * 5 C © Z 2 Q A @ 6 T # 3 J 1 F K 9 I % D 4 P

Which of the following will be 8th to the right of the 15th element from the left end?

- a) *
- b) F
- c) A
- d) J
- e) None of the above

10. If Kiran says, "Rocky's mother is the only daughter of my mother", How is Kiran related to Rocky?

- a) Brother
- b) Father
- c) Uncle
- d) Grand father
- e) None of these

11. Statement: "Private property, trespassers will be prosecuted" - A notice on a plot of land.

Assumptions:

- I. The passerby may read the notice and may not trespass.
II. The people are scared of prosecution.

- a) Only assumption I is implicit
- b) Only assumption II is implicit
- c) Either I or II is implicit
- d) Neither I nor II is implicit
- e) Both I and II are implicit

12. In each of the following questions find out the alternative which will replace the question mark.

Find the missing one: JL : KM :: QS : ?

- a) RU
- b) RT
- c) RS
- d) ST
- e) None of these

13. Answer the questions based on the following data:

Among the six persons A,B,C,D,E and F each have different weight.

A is heavier than 3 persons, C is lighter than E.

D is lighter than only B.

C is not the lightest.

The second heaviest person is of 66 kg and the second lightest person is of 32 kg.

Who among the person weigh 66 kg?

- a) F
- b) C
- c) E
- d) D
- e) None of these

14. In each of the following questions find out the alternative which will replace the question mark.

Exculpate : Blame :: Abundant : ?

- a) Depleted
- b) Temporary
- c) Filthy
- d) Brilliant
- e) None of these

15. In following questions find out the alternative which will replace the question mark.

Acquiesce : Conform :: Scold : ?

- a) Chide
- b) Kind
- c) Give
- d) Drunkenness
- e) None of these