



An Eye on Talent

Olympiad Aptitude Test Logical Reasoning Class XII

1. Some trees are branches
Some branches are seeds

Statement I : Some trees are not seeds

Statement II: Some seeds are not branches

- a) Only I follows
 - b) Only II follows
 - c) Both I and II follows
 - d) neither I nor II follows
 - e) Either I or II follows
2. In the following questions find out the alternative which will replace the question mark.

Ulterior : Expressed :: Radiant : ?

- a) Dull
 - b) Warlike
 - c) Jovial
 - d) Revengeful
 - e) None of these
3. If CONTRIBUTE is written as ETBUIRNTOC, which letter will be in the sixth place when counted from the left if POPULARISE is written in that code ?
- a) L
 - b) A
 - c) I
 - d) R
 - e) None of these

4. adb_ac_da_cddcb_dbc_cbda

- a) bccba
- b) cbbaa
- c) ccbba
- d) bbcad
- e) None of these

5. Read the following information and answer the following question:

- i) A @ B means A is the father of B
- ii) A + B means A is the husband of B
- iii) A \$ B means A is the brother of B
- iv) A % B means A is the mother of B
- v) A & B means A is the sister of B

What should come in the place of ? to make a relation R is the aunt of T in the expression :P % Q + R & S ? T

- a) (+)
- b) &
- c) Either @ or %
- d) \$
- e) @

6. P,Q,R,S,T,U,V and W are sitting in a row facing North.

- (i) P is fourth to the right of T
- (ii) W is fourth to the left of S
- (iii) R and U, which are not at the ends are neighbours of Q and T respectively.
- (iv) W is immediate left of P and P is the neighbour of Q.

Who is in the middle of U and W ?

- a) T
- b) P
- c) V
- d) R
- e) S

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

Whale : calf :: Frog : ?

- a) kid, billy
- b) calf
- c) tadpole
- d) lamb
- e) None of these

8. If in a certain language, ITNIETAM is the code for INTIMATE, which word has the code TREVNIETARBI ?

- a) INVRETIBRATE
- b) INVERTIBARTE
- c) INVERTIBRETA
- d) INVERTIBRATE
- e) None of these

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

Vultures : scream :: Mice : ?

- a) scream
- b) quack
- c) squeak and squeal
- d) chirp/creak
- e) None of these

10. In the expression 'K + H - P ? Q', what will come in place of ? if Q is mother of K?

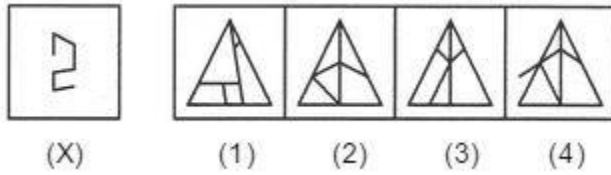
- a) (+)
- b) (-)
- c) (\div)
- d) (\times)
- e) None of these

11. Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary.

Who is sitting immediate right to Reeta?

- a) Bindu
- b) Rani
- c) Mary
- d) Seema
- e) None of these

12. Find out the alternative figure which contains (X) as its part



- a) 1
- b) 2
- c) 3
- d) 4

13. Directions-

P © Q means P is not smaller than Q

P % Q means P is not greater than Q

P # Q means P is neither smaller than nor equal to Q

P @ Q means P is neither greater than nor smaller than Q

P \$ Q means P is neither greater than nor equal to Q

From the conditions given below, choose the correct option.

R # D and D © K, K \$ M.

Statement I. M # R

Statement II. K \$ R

- a) If only conclusion I is true
- b) If only conclusion II is true
- c) If either I or II is true
- d) If neither I nor II is true
- e) If both I and II are true

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

Ally : Associate :: Obscene : ?

- a) Depressed
- b) Hatred
- c) Filthy
- d) Disgust
- e) None of these

15. Find the odd one out

- a) Reader
- b) Writer
- c) Printer
- d) Publisher
- e) None of these