

1. Six plants — O, P, Q, R, S, and T — are planted in a row as per their heights. R is taller than only two plants. Q is shorter than S but taller than R. O is taller than P, which is not the shortest plant. Q is taller than O. How many plants are shorter than O?

- A. None
- B. 1
- C. 2
- D. 3
- E. 4

2. Find the odd one out.

- A. TSXP
- B. RAVX
- C. BMFK
- D. JGND
- E. DOMG

3. If FAITH is coded as DZRVI, what is the code for TRAIN?

- A. RQJKP
- B. SPYJO
- C. RPZJP
- D. RQZKO
- E. RQYKN

4. If  $A + B$  means A is the brother of B,  
 $A \div B$  means A is the father of B and  
 $A \times B$  means A is the sister of B.  
Which of the following means M is the uncle of P?

- A.  $N \times P \div M + R$
- B.  $M + S \div R \div P$
- C.  $M + N \div R \div P$
- D.  $M + K \div T \times P$
- E. None of these

5. In a row of 35 students, Amitabh is 24th from the beginning. Two students from the end leave the row. What is Amitabh's position from the end now?

- A. 9<sup>th</sup>
- B. 10<sup>th</sup>
- C. 11<sup>th</sup>
- D. 13<sup>th</sup>
- E. 14<sup>th</sup>

6. Find the next term in the series:

WFC7, AJG16, ENK34, IRO70, MVS142, \_\_\_\_\_

- A. QZW286
- B. RZX290

- C. RYW286
- D. QZW288
- E. QZY290

7. Pointing to a picture of Rajiv, a lady Reema said, "His sister's father is the only son of my father-in-law." How is Reema related to Rajiv?

- A. Granddaughter
- B. Mother
- C. Sister
- D. Paternal Grandmother
- E. Mother-in-law

8. Find X and Y.

$X : 294 :: 11 : Y$

- A. 14, 1100
- B. 7, 1210
- C. 7, 1331
- D. 6, 1100
- E. 6, 1000

9. If ROPEC = GSTIV, SHOEB = FLSIW, LUCID = ?

- A. PMGYH
- B. GYMPH
- C. HYGMP
- D. HMGYP
- E. GYNNP

10. Statements:

All chairs are table.

All tables are telephones.

All telephones are cell phones.

No cell phone is computer.

Conclusions:

I. All cell phones are tables.

II. Some chairs are computers.

III. No chair is computer.

- A. Only I follows
- B. Only II follows
- C. Only III follows
- D. Only either II or III follows
- E. None follows

11. P walked 20 metres towards North, took a left turn and walked 10 metres, then took a right turn and walked 20 metres, again took a right turn and walked 10 metres. How far is he from his starting point?

- A. 50 metres
- B. 60 metres

- C. 40 metres
- D. 30 metres
- E. 70 metres

12. Find the next term in the series:

B25, C24, E22, G20, K16, M14, \_\_\_\_\_

- A. Q10
- B. P11
- C. R9
- D. O12
- E. M14

13. Choose the odd one.

- A. 109
- B. 61
- C. 73
- D. 91
- E. 97

14. A + B means 'B is the brother of A'

A - B means 'A is the mother of B'

A × B means 'A is the father of B'

A ÷ B means 'A is the son of B'

If, P + R × T - Q ÷ S + U, then how is S related to R?

- A. Son-in-law
- B. Grandfather
- C. Brother
- D. Grandson
- E. Son

15. Which of the following should be placed in blank spaces respectively (in the same order from left to right) such that the expression  $A > B$  is definitely true?

\_\_\_ ≥ \_\_\_ = \_\_\_ ≤ \_\_\_ < \_\_\_

- A. A, B, C, D, E
- B. E, D, C, B, A
- C. C, A, D, B, E
- D. B, E, D, A, C
- E. None of these

16. In a certain code, LAWN is written as JCUP. How will SLIT be coded in that code?

- A. QNGV
- B. QJGV
- C. QNVG
- D. NJGV
- E. NJVG

17. How many such pairs of digits are there in the number 531468 each of which has as many digits between them in the number as when the digits are rearranged in descending order within the number?

- A. None
- B. One
- C. Two
- D. Three
- E. More than three

18. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- A. KP
- B. BY
- C. DW
- D. GT
- E. HU

19. Statements:  $A=B \geq C < D = E \leq F$

Conclusions:

- I.  $F > B$
- II.  $B \geq D$
- A. Only conclusion I follows.
- B. Only conclusion II follows.
- C. Either conclusion I or II follows.
- D. Neither conclusion I nor II follows.
- E. Both conclusions I and II follow.

20. B 2 M E J % R 5 @ N D I P 4 © T 3 9 F U 1 \$ 6 H J A 7 \* G Q #

If all the symbols in the above arrangement are dropped, which of the following will be the twelfth from the right end?

- A. 4
- B. T
- C. 9
- D. F
- E. 3

21. Statements:

Some keys are locks.

Some locks are doors.

All doors are windows.

Conclusions:

- I. Some keys are doors.
- II. Some windows are locks.
- A. only conclusion I follows.
- B. only conclusion II follows.
- C. either conclusion I or conclusion II follows.

- D. neither conclusion I nor conclusion II follows.
- E. both conclusion I and conclusion II follow.

22. How many pairs of letters are there in the word 'VERIFIED' each of which has as many letters between them in the word as in the English alphabet?

- A. None
- B. One
- C. Two
- D. Three
- E. More than three

23. M is the brother of N and O is the brother of P. If P is the father of M then how O and N are related?

- A. O is father of N.
- B. O is nephew of N.
- C. N is nephew of O.
- D. N is niece of O.
- E. Cannot be determined

24. In a row of 25 girls, when Nayan was shifted to her right by 6 places, her number from the right end of the row became 14. Ramya, who was initially sitting 16th from the right was moved to the extreme right. Gayatri, who was initially sitting exactly between Nayan and Ramya, was asked to sit at the center. Which of the following is true about the change in position of Gayatri?

- A. She moved 5 places to the right
- B. She moved 8 places to the left
- C. She moved 2 places to the left
- D. She moved 3 places to the right
- E. Cannot be determined

25. Mr. X starts from point A and walks 51 m towards the west. He then takes a left turn and walks 57 m. He then again takes left turn and walks 75 m. He finally takes another left turn and stops at point B after walking 86 m. Mr. Y starts from point P, which is 62 m east of Point A, and walks 68 m towards the north. He then takes a right turn and walks 35 m. He takes a final right turn and walks 39 m and stops at Point Q. What is the distance between Point Q and Point B?

- A. 70 m
- B. 65 m
- C. 68 m
- D. 75 m
- E. 73 m

**Answers:**

1. D
2. C
3. D
4. D
5. B
6. A
7. B
8. B
9. C
10. C
11. C
12. A
13. D
14. A
15. B
16. A
17. B
18. E
19. D
20. E
21. B
22. C
23. E
24. A
25. E

