

Statements and Conclusions

Directions (1-5): In these questions, relationship between different elements is in the statements. These statements are followed by two conclusions.

Mark Answer If...

- | | |
|--------------------------------------|--|
| 1) Only conclusion I follows | 2) Only conclusion II follows |
| 3) Either conclusion I or II follows | 4) Neither conclusion I nor II follows |
| 5) Both conclusions I and II follow | |

1. **Statement:** $P \geq Q = R > S > T$

Conclusions: I. $P \geq T$ II. $T < Q$

2. **Statement:** $L \leq M < N > O \geq P$

Conclusions: I. $O < M$ II. $P \leq N$

3. **Statement:** $A > B, B \geq C = D < E$

Conclusions: I. $C < A$ II. $D \leq B$

4. **Statement:** $H > J = K, K \leq L, L > T, T < V$

Conclusions: I. $K > T$ II. $L \leq H$

5. **Statement:** $A \leq B = C, D > C = E$

Conclusions: I. $E \geq A$ II. $A < D$

Directions (6-11): In the following questions, the symbols \$, *, %, @, and © are used with the following meaning as illustrated below:

'P * Q' 'means P is not greater than Q'

'P @ Q' 'means P is neither greater than nor equal to Q'

'P © Q' 'means P is not smaller than Q'

'P % Q' 'means P is neither smaller than nor greater than Q'

'P \$ Q' 'means P is neither smaller than nor equal to Q'

Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I II and III given below them is/are definitely true and given your answer accordingly.

6. **Statements:** $R \odot K$, $K \$ M$, $M * J$

Conclusions: I. $J \$ K$ II. $M @ R$ III. $M \% R$

- 1) None is true 2) only I is true 3) only II is true
4) only either I or III is true 5) only III is true

7. **Statements:** $D @ K$, $K \% F$, $F \odot B$

Conclusions: I. $F \$ D$ II. $B @ K$ III. $B \% K$

- 1) Only I is true 2) only II is true 3) only III is true
4) only either II or III is true 5) only either II or III & I is true

8. **Statements:** $H * W$, $W @ N$, $N \% R$

Conclusions: I. $R \$ W$ II. $N \$ W$ III. $H @ R$

- 1) Only I and II are true 2) only II and III are true 3) only I and III are true
4) All I, II and III are True 5) None of these

9. **Statements:** $Z \% M$, $M * F$, $F \$ D$

Conclusions: I. $F \% Z$ II. $F \$ Z$ III. $D @ Z$

- 1) Only I is true 2) only either I or II is true 3) only II is true
4) only III is true 5) None of these

10. **Statements:** $R \$ B$, $B \odot N$, $N @ T$

Conclusions: I. $N @ R$ II. $T \$ B$ III. $T \$ R$

- 1) None is true 2) only I is true 3) only II is true
4) only III is true 5) only I and II are true

11. **Statements:** $W \odot K$, $K \$ R$, $R \% N$

Conclusions: I. $N @ K$ II. $R @ W$ III. $W \$ N$

- 1) Only I and II are true 2) only either II or III is true
3) only II and III are true 4) only I and III are true
5) All I, II and III are true

Directions (12-18): In the following questions, the symbols \$, %, @, \odot , and * are used with the following meaning as illustrated below:

'P % Q' 'means P is neither greater than nor smaller than Q'

'P \$ Q' 'means P is neither smaller than nor equal to Q'

'P © Q' 'means P is neither greater than nor equal to Q'

'P * Q' 'means P is not greater than Q'

'P @ Q' 'means P is not smaller than Q'

Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I II and III given below them is/are definitely true and given your answer accordingly.

12. **Statements:** V © K, K @ B, B \$ M

Conclusions: I. V © K II. M © K III. M © V

- 1) None is true 2) only I is true 3) only II is true
4) only III is true 5) only I and III are true

13. **Statements:** D * R, R % F, F \$ T

Conclusions: I. F % D II. F \$ D III. T © R

- 1) Only I is true 2) only II is true 3) only III is true
4) only either I or II is true 5) only either I or II & III are true

14. **Statements:** N @ D, D * K, K \$ A

Conclusions: I. K @ N II. A © D III. N \$ A

- 1) None is true 2) only I is true 3) only II is true
4) only III is true 5) only II and III is true

15. **Statements:** K @ T, T \$ N, N © R

Conclusions: I. R \$ Z II. N * K III. K \$ N

- 1) None is true 2) only I is true 3) only II is true
4) only III is true 5) only II and III are true

16. **Statements:** W % K, K © F, D \$ F

Conclusions: I. D \$ K II. D \$ W III. F @ W

- 1) only I and III are true 2) only I and II true 3) only II and III is true
4) All I, II and III are true 5) None of these

17. **Statements:** B * K, K © F, F % R

Conclusions: I. R \$ K II. R \$ B III. F \$ B

- 1) Only I and II are true 2) only I and III are true
3) only II and III are true 4) All I, II and III are true 5) only I and II are true

18. **Statements:** $H \$ M$, $M \% D$, $D @ K$

Conclusions: I. $H \$ D$ II. $K * M$ III. $K \odot H$

- 1) Only II is true 2) only II and III are true 3) only I and III are true
4) Only I and II are true 5) All I, II and III are true

Directions (19-23): In the following questions, the symbols @, \odot , \$, %, and * are used with the following meaning as illustrated below:

' $P \odot Q$ ' 'means P is not greater than Q'

' $P \% Q$ ' 'means P is not smaller than Q'

' $P * Q$ ' 'means P is neither smaller than nor equal to Q'

' $P @ Q$ ' 'means P is neither greater than nor equal to Q'

' $P \$ Q$ ' 'means P is neither greater than nor smaller than Q'

Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I and II given below them is/are definitely true and given your answer accordingly.

19. **Statements:** $K @ V \odot N$, $N \% F$

Conclusions: I. $F @ V$ II. $K @ N$

- 1) if only conclusion I is true 2) if only conclusion II is true
3) if either conclusion I or II is true 4) if neither conclusion I nor II is true
5) if both conclusions I and II is true

20. **Statements:** $H \odot W$, $W \$ M$, $M @ B$

Conclusions: I. $B * H$ II. $M \% H$

- 1) if only conclusion I is true 2) if only conclusion II is true
3) if either conclusion I or II is true 4) if neither conclusion I nor II is true
5) if both conclusions I and II is true

21. **Statements:** $D \% B$, $B * T$, $T \$ M$

Conclusions: I. $T \odot D$ II. $M \odot D$

- 1) if only conclusion I is true 2) if only conclusion II is true
3) if either conclusion I or II is true 4) if neither conclusion I nor II is true
5) if both conclusions I and II is true

22. **Statements:** $M * T$, $T @ K$, $K \odot N$

Conclusions: I. $N * T$ II. $N * M$

- | | |
|---|---|
| 1) if only conclusion I is true | 2) if only conclusion II is true |
| 3) if either conclusion I or II is true | 4) if neither conclusion I nor II is true |
| 5) if both conclusions I and II is true | |

23. **Statements:** $R \$ J$, $J \% D$, $D * F$

Conclusions: I. $D \$ R$ II. $D @ R$

- | | |
|---|---|
| 1) if only conclusion I is true | 2) if only conclusion II is true |
| 3) if either conclusion I or II is true | 4) if neither conclusion I nor II is true |
| 5) if both conclusions I and II is true | |

Directions (24-26): In the following questions, the symbols @, \$, #, *, and % are used with the following meaning as illustrated below:

'A @ B' 'means A is smaller than B'

'A \$ B' 'means A is greater than B'

'A # B' 'means A is either smaller than or equal to B'

'A * B' 'means A is either greater than or equal to B'

'A % B' 'means A is neither smaller than nor greater than B'

Now in each of the following questions assuming the given statements to be true, find which of the three conclusions I and II given below them is/are definitely true and given your answer accordingly.

24. **Statements:** $H \# T$, $T @ L$, $L \% F$

Conclusions: I. $F \$ H$ II. $H \# L$

- | | |
|---|---|
| 1) if only conclusion I is true | 2) if only conclusion II is true |
| 3) if either conclusion I or II is true | 4) if neither conclusion I nor II is true |
| 5) if both conclusions I and II is true | |

25. **Statements:**

$V \$ I$, $I * M$, $M \# Q$

Conclusions: I. $I \# Q$ II. $I * Q$

- | | |
|---|---|
| 1) if only conclusion I is true | 2) if only conclusion II is true |
| 3) if either conclusion I or II is true | 4) if neither conclusion I nor II is true |
| 5) if both conclusions I and II is true | |

26. Statements:

P @ W, W * D, D \$ J

Conclusions: I. J @ P II. J @ W

- | | |
|---|---|
| 1) if only conclusion I is true | 2) if only conclusion II is true |
| 3) if either conclusion I or II is true | 4) if neither conclusion I nor II is true |
| 5) if both conclusions I and II is true | |

Key

- | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) 2 | 2) 4 | 3) 5 | 4) 1 | 5) 5 | 6) 3 | 7) 5 | 8) 4 |
| 9) 2 | 10) 2 | 11) 5 | 12) 3 | 13) 5 | 14) 1 | 15) 4 | 16) 2 |
| 17) 4 | 18) 5 | 19) 2 | 20) 5 | 21) 4 | 22) 1 | 23) 3 | 24) 1 |
| 25) 3 | 26) 2 | | | | | | |