

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 follows

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.

'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 © 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 @, ©, \$, %, and * are used with the following meaning as illustrated below:

- 'P © 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 © 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 © 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 © D II. M © 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 | | | | | | |

