TEST OF INQUALITY

Direction (1-5) : In the following questions, the symbols ©, @, #, $ and ✶ are used in following meaning —

'A @ B' means A is either greater than or equal to B.

'A $ B' means A is either smaller than or equal to B.

'A # B' A is neither greater than nor smaller than B.

'A ✶ B' A is greater than B.

'A © B' A is smaller than B.

Ans. 1. If Only conclusion I true.

Ans. 2. If Only conclusion II true.

Ans. 3. If either conclusion I & II true.

Ans. 4. If neither conclusion I nor II true.

Ans. 5. If both I & II conclusion is true.

1. ***Statements*** % M $ R, R © P, P # Q

Conclusions % I. Q ✶ M

II. R © Q

2. ***Statements*** % R © D, D @ N, N # J

Conclusions % I. J # D

II. J © D

3. ***Statements*** % H # N, N @ P, P © V

Conclusions % I. V ✶ N

II. P $ H

4. ***Statements*** % N ✶ T, T @ Q, Q $ J

Conclusions % I. J $ T

II. N @ Q

5. ***Statements*** % K © B, B $ D, D ✶ F

Conclusions % I. D ✶ K

II. F ✶ K

Direction (6-10) : In the following questions the symbols, ✶ % $, # and © are used in following meaning : -

'P $ Q' means P is smaller than Q.

'P ✶ Q' means P is neither smaller than nor greater than Q.

'P # Q' means P is either greater than or equal to Q.

'P % Q' means P is greater than Q.

'P © B' means P is either smaller than or equal to Q.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

6. ***Statements*** % B # D, D ✶ F, F % H

Conclusions % I. F ✶ B

II. F $ B

7. ***Statements*** % H $ J, J ✶ N, N # T

Conclusions % I. T % H

II. J # T

8. ***Statements*** % M % K , K # T, T ✶ J

Conclusions % I. J © K

II. T $ M

9. ***Statements*** % W © F, F % R, R # K

Conclusions % I. W $ K

II. K ✶ W

10. ***Statements*** % V © R, R, $ M, M ✶ W

Conclusions % I. W % V

II. V © W

Direction (11-15) : In the following questions the symbols @, ✶, #, © and $ are used with following means :

'P $ Q' means, 'P is neither greater than nor smaller than Q.

'P © Q' means P is neither 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 Q.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.

4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

11. ***Statements*****:** M # R, R © N, N $ T

Conclusions**:** I. T @ R

II. M # N

12. ***Statements*****:** B @ R, R $ W, W # V

Conclusions**:** I. V # R

II. B @ V

13. ***Statements*****:** J ✶ D, K © D, M # K

Conclusions**:** I. M # D

II. J # D

14. ***Statements*****:** R # T, K @ T, K © M

Conclusions**:** I. T $ M

II. M ✶ T

15. ***Statements*****:** F ✶ M, M # J, J © H

Conclusions**:** I. H ✶ F

II. H ✶ M

Direction (16-20) : In the following questions the symbols $, ⊇, #, ∑ and % are used in following meaning :

'M $ N' means M is neither greater than nor equal to N.

'M ⊇ N' means M is not smaller than N.

'M # N' means M is neither greater than nor smaller than N.

'M ∑ N' means M is not greater than N.

'M % N' means M is neither smaller than nor equal to N.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

16. ***Statements*****:** M % T, P ∑ T, J # P

Conclusions**:** I. M # J

II. J $ M

17. ***Statements*****:** R ⊇ V, V % K, K $ B

Conclusions**:** I. K $ R

II. B # V

18. ***Statements*****:** A # L, Y ∑ L, N # Y

Conclusions**:** I. L ⊇ N

II. N ∑ A

19. ***Statements*****:** W ∑ Q, R % Q, X # Q

Conclusions**:** I. W # X

II. W $ X

20. ***Statements*****:** C # Z, C ∑ F, J $ F

Conclusions**:** I. J # Z

II. J % C

Direction (21-25) : In the following questions the symbols @, ©, ✶, $ and # are used in following meaning :

'P © Q' means Q is either greater than equal to P

'P $ Q' means Q is either smaller than equal to P

'P @ Q' means Q is smaller than P

'P ✶ Q' means P is neither greater than nor smaller than Q.

'P # Q' means Q is greater than P.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

21. ***Statements*****:** M ✶ R, R © T, T @ N,

Conclusions**:** I. T $ M

II. N $ M

22. ***Statements*****:** B # N, M $ J, J ✶ V

Conclusions**:** I. B # V

II. V © N

23. ***Statements*****:** M $ T, R © T, H # R

Conclusions**:** I. R # M

II. M ✶ R

24. ***Statements*****:** J $ K, K @ H, W © H

Conclusions**:** I. W # J

II. J @ H

25. ***Statements*****:** F @ A, A © D, D # K

Conclusions**:** I. K # F

II. F @ D

Direction (26-30) : In the following

questions the symbols @ , %, $, # ***and*** ✶ ***are used in following meaning :***

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

'P✶Q' means Q is neither smaller than nor equal to P

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

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

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

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

26. ***Statements***% M ✶ T, T $ K, K # D

Conclusions% I. D % M

II.M ✶ K

27. ***Statements***% R @ J, M # J, D ✶ M

Conclusions% I. D ✶ J

II.R # M

28. ***Statements***% Z % T, T ✶ N, H $ N

Conclusions% I. H ✶ Z

II.T ✶ H

29. ***Statements***% F $ M, N @ M, N % W

Conclusions% I. F # N

II.N % F

30. ***Statements***% B # J, J @ D, F $ D

Conclusions% I. B # F

II.F ✶ B

Direction (31-35) : In the following questions the symbols @ , #, ©, $ ***and*** ✶ ***are used in following meaning :***

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

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

'P ✶ Q' means P is neither smaller than nor equal to Q.

'P © Q' means P is not greater than Q.

'P # Q' means P is neither greater than nor smaller than Q.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

31. ***Statements***% M @ R, R © D, D # N

Conclusions% I. N # R

II.N ✶ R

32. ***Statements***% K # T, T ✶ F, F @ B

Conclusions% I. F @ K

II.B @ K

33. ***Statements***% J © N, K @ N, T $ K

Conclusions% I. T ✶ J

II.J @ K

34. ***Statements***% H # D, A ✶ D, A © M

Conclusions% I. M # H

II.M @ D

35. ***Statements***% R ✶ N, M $ W, W # V

Conclusions% I. V @ R

II.R ✶ W

Direction (36-40) : In the following questions the symbols ✶, x, $, @ and + ***are used in following meaning :***

'P x Q' means P is neither smaller than nor greater than Q.

'P @ Q' means P is neaither greater than nor equal to Q.

'P ✶ Q' means P is either equal smaller than Q.

'P + Q' means P is neither equal nor smaller than Q.

'P $ Q' means P is not equal to Q.

Give the Answer :

1. If Only conclusion I true.
2. If Only conclusion II true.
3. If either conclusion I & II true.
4. If neither conclusion I nor II true.
5. If both I & II conclusion is true.

36. ***Statements***% K + M, M @ R, R x T

Conclusions% I. K + T

II.K + M

37. ***Statements*** D ✶ F, F $ M, M @ K

Conclusions I. F @ K

II. D @ K

38. ***Statements*** N × P, K + P, Q @ K

Conclusions I. K + N

II. Q + N

39. ***Statements*** T @ M, M ✶ R, R × N

Conclusions I. M × N

II. M @ N

40. ***Statements*** B $ N, N × R, R + T

Conclusions I. B $ R

II. T @ N

ANSWERS

1. (5)	2. (3)	3. (2)	4. (4)	5. (1)	6. (3)	7. (2)	8. (5)	9. (4)
10. (1)	11. (5)	12. (4)	13. (1)	14. (3)	15. (2)	16. (2)	17. (1)	18. (5)
19. (3)	20. (4)	21. (1)	22. (2)	23. (3)	24. (5)	25. (4)	26. (5)	27. (1)
28. (4)	29. (3)	30. (3)	31. (3)	32. (1)	33. (4)	34. (4)	35. (5)	36. (2)
37. (4)	38. (1)	39. (3)	40. (5)					