Inequality Questions Pdf

Directions (Q1 – Q5): In each of the given questions, one statement has been given followed by two conclusions. Find which of the given conclusions is true

Q 1.

Statement: $A > F \leq C = D < E$

Conclusion I: $A > E$

Conclusion II: $F < E$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 2.

Statement: $P > Q$, $X \leq R < S$, $S > P$

Conclusion I: $P \leq R$

Conclusion II: $X > S$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 3.

Statement: $V \leq X > Y \leq U = Z > O$

Conclusion I: $Y < Z$

Conclusion II: $Y = Z$

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 4.

Statement: $C = B \geq A \leq D = E$

Conclusion I: $C = X$

Conclusion II: C < D

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 5.

Statement: L > M, M ≤ O = N, L = Q < K

Conclusion I: K > M

Conclusion II: O ≤ K

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Directions (Q6 – Q10): In the following questions, the symbols #, *, %, @ and © are used with the following meaning:

A # B, means A is greater than B

A * B, means A is smaller than B

A % B, means A is equal to B

A @ B, means A is greater than equal to B

A © B, means A is smaller than equal to B

Q 6.

Statement: S © P @ Q # R

Conclusion I: S @ R

Conclusion II: R * P

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 7.

Statement: X # B * N @ I © H

Conclusion I: X # N

Conclusion II: I % X

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 8.

Statement: A % R © U @ D % G

Conclusion I: A % U

Conclusion II: A * U

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 9.

Statement: H % J * D * K # I % F

Conclusion I: J * K

Conclusion II: D % F

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 10.

Statement: L # H % J % B @ D # F

Conclusion I: H % F

Conclusion II: L # D

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 11.

Statement: K < H > G, G ≤ N, N = U

Conclusion I: K = U

Conclusion II: H > N

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 12.

Statement: G ≤ S, S > R < K, K ≥ C, L = G

Conclusion I: G ≤ R

Conclusion II: L ≥ K

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Direction (Q13 – Q15): Based on the information given below, answer the following questions:

A @ B, means B is greater than A

A & B, means B is smaller than A

A $ B, means B is equal to A

A # B, means B is greater than equal to A

A % B, means B is smaller than or equal to A

Q 13.

Statement: P @ Q $ R % S # T % U

Conclusion I: P % U

Conclusion II: R @ T

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 14.

Statement: A @ B $ C & D @ E # F

Conclusion I: F @ C

Conclusion II: A # D

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Q 15.

Statement: S % U @ T & V $ W # R

Conclusion I: U & R

Conclusion II: T & W

1. Only conclusion I is true
2. Only conclusion II is true
3. Both conclusion I and II are true
4. Neither conclusion I nor II is true
5. Either conclusion I or II is true

Part 2

Directions (1-3): In these questions, the relationship between different elements is shown. They are followed by two conclusions.

Q.1. Statement:

X≥Y>Z<A=B>C

Conclusions:

(a) X>B

(b) Z>C

(A) b follows

(B) a follows

(C) Neither a nor b follows

(D) Both a and b follows

(E) Either a or b follows

Q.2.Statement:

A≥B<C<D<E=F

Conclusions :

(a) F>B

(b) D<A

(A) Both a and b follows

(B) b follows

(C) Neither a nor b follows

(D) Either a or b follows

(E) a follows

Q.3.Statement:

M≥N<O=P>Q>R

Conclusions:

(a) M>Q

(b) O>R

(A) b follows

(B) a follows

(C) Neither a nor b follows

(D) Both a and b follows

(E) Either a or b follows

Direction (4-9): Relationship between different elements is shown in the statements. Find if the conclusions also follow or not.

Q.4. Statements:

F ≥ V = T ≥ G < L ≤ D = S; E = Q < T ≤ N; Q > P = W

Conclusions:

I. D > N

II. F > W

(A) Both I And II Follow

(B) Only I Follow

(C) Either I Or II Follows

(D) Only II Follows

(E) Neither I Nor II Follow

Q.5. Statements:

H ≥ O = U ≥ B < L = P; D < N = B ≥ S > K

Conclusions:

I. K < L

II. H ≥ K

(A) Both I And II Follow

(B) Only II Follows

(C) Only I Follows

(D) Either I Or II Follows

(E) Neither I Nor II Follow

Q.6. Statements:

H > L = G ≥ S < L ≤ W; S > W > P = R ≤ V; P < X = O

Conclusions:

I. W > R

II. O > R

(A) Only II Follows

(B) Only I Follows

(C) Both I And II Follow

(D) Either I Or II Follows

(E) Neither I Nor II Follow

Q.7. Statements:

B < N = T ≥ G > H = F; G > L = D > V; L > W = A

Conclusions:

I. A < H

II. V < B

(A) Only II Follows

(B) Only I Follows

(C) Both I And II Follow

(D) Either I Or II Follows

(E) Neither I Nor II Follow

Q.8. Statements:

$V < E = D = W \geq L$; $F \geq S = D < K$; $L \geq R = H \geq B$

Conclusions:

I. $B < S$

II. $B = S$

(A) only II follows

(B) only I follows

(C) both I and II follow

(D) either I or II follows

(E) neither I nor II follow

Q.9. Statements:

$N > D \geq F > J$; $E < L \leq G < S < P < F$; $G > W$

Conclusions:

I. $W < J$

II. $J \leq W$

(A) Only II Follows

(B) Only I Follows

(C) Both I And II Follow

(D) Either I Or II Follows

(E) Neither I Nor II Follow