

INEQUALITY

CONDITIONS FOR COMBINING TWO INEQUALITIES

Two inequalities will be combined if and only if they have a common term.

Golden rule to draw conclusions

We can draw a **definite** conclusion if and only if all the signs in the combined inequality are pointing in the same direction. i.e. A sample

Type	Definite conclusions	Explanation
$A \leq B \leq C \leq D$	$A = D$ $A < D$ $A \leq D$	1. $A=D$ As equal sign is present at every position between A and D 2. $A < D$ as all signs between A and D points to same direction 3. $A \leq D$ combine above two cases
$A \leq B < C \leq D$	$A < D$	$A \neq D$ as equal to sign is not present at all positions between A and D
$A \geq B \geq C \geq D$	$A = D$ $A > D$ $A \geq D$	Similar explanations as in case 1
$A \geq B \geq C > D$	$A > D$	
$A \leq B \geq C \leq D$	NO CONCLUSION	All signs not point to same direction

Previous year questions

Directions: In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

Q1.

Statements:

$M = K, D \leq K, R < K$

Conclusions:

I. $D = M$

II. $M > D$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q2.

Statements:

$F \leq M, M > R, E \geq F$

Conclusions:

I. $M > E$

II. $R \geq E$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q3.

Statements:

$H = K, T < H, W \leq T$

Conclusions:

I. $K > W$

II. $T < K$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q4.

Statements:

$N > A, A < L, F = N$

Conclusions:

I. $L > F$

II. $F > A$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q5.

Statements:

$B \leq D, D = M, F > M$

Conclusions:

I. $B < M$

II. $F > B$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q6.

Statements:

$D = Q, Q > L, L \geq B, B < G$

Conclusions:

I. $D > B$

II. $B = D$

III. $G > L$

(a) Either I or II only

(b) I and II only

(c) I only

(d) II and III only

(e) None is true

Q7.

Statements:

$Z > Y, Y < K, K \leq M, M > T$

Conclusions:

I. $Z > M$

II. $Y > T$

III. $Z < K$

(a) I only

(b) II and III only

(c) Either I or III only

(d) All I, II and III

(e) None is true

Q8.

Statements:

$P < M, M \leq R, R = T, T < L$

Conclusions:

I. $P < R$



- II. $P = R$
 III. $M \leq L$
 (a) I only
 (b) Either I or II only
 (c) III only
 (d) All I, II and III
 (e) None is true

Q9.
Statements:
 $F > H, M \leq H, M \geq R, G = M$

- Conclusions:**
 I. $F \geq R$
 II. $F > R$
 III. $H \geq G$
 (a) II and III only
 (b) II only
 (c) III only
 (d) III and either I or II
 (e) None is true

Q10.
Statements:
 $K > T, T < D, D = F, F \leq G$

- Conclusions:**
 I. $G > K$
 II. $G = T$
 III. $G > T$
 (a) I and II only
 (b) II and III only
 (c) Either II or III only
 (d) III only
 (e) None is true

Q11.
Statements:
 $H < J, J = N, N > R$

- Conclusions:**
 I. $R < J$
 II. $H > J$
 III. $N > H$
 (a) Only II is true
 (b) Only I and III are true
 (c) Only I is true
 (d) Only III is true
 (e) None is true

Q12.
Statements:
 $M > J, J \geq T, T = N$

- Conclusions:**
 $N \neq J$
 II. $T < M$
 III. $M > N$
 (a) Only I and II are true
 (b) Only II and III are true
 (c) Only I and III are true
 (d) None is true

- (e) All are true

Q13.
Statements:
 $D = K, K \leq F, F > P$

- Conclusions:**
 I. $P > D$
 II. $K \leq P$
 III. $F \geq D$
 (a) Only II is true
 (b) Only I and II are true
 (c) Only III is true
 (d) Only II and III are true
 (e) None of these

Q14.
Statements:
 $K \leq N, N \geq T, T < J$

- Conclusions:**
 I. $J > N$
 II. $K > T$
 III. $T > K$
 (a) None is true
 (b) Only I and II are true
 (c) Only II and III are true
 (d) Only I and III are true
 (e) None of these

Q15.
Statements:
 $M > D, D = V, V \geq W$

- Conclusions:**
 I. $W > M$
 II. $M < V$
 III. $D \geq W$
 (a) Only I and II are true
 (b) Only II and III are true
 (c) Only I and III are true
 (d) Only III is true
 (e) None of these

Q16.
Statements:
 $R \leq D, D \geq M, M = N$

- Conclusions:**
 I. $R \leq M$
 II. $N \leq D$
 III. $N \geq R$
 (a) Only I is true
 (b) Only II is true
 (c) Only III is true
 (d) None is true
 (e) All are true

Q17.
Statements:
 $K = P, P > Q, Q \geq R$

- Conclusions:**

- I. $K > R$
 II. $R < P$
 III. $Q < K$
 (a) Only I and II are true
 (b) Only II and III are true
 (c) Only III is true
 (d) All are true
 (e) None of these

Q18.
Statements:
 $J > H, H = T, T \leq R, R \leq F$

- Conclusions:**
 I. $J > R$
 II. $R > F$
 III. $J > T$
 (a) Only I is true
 (b) Only I and II are true
 (c) Only III is true,
 (d) All are true
 (e) None of these

Q19.
Statements:
 $E \leq P, P \leq H, H \geq I, I > K$

- Conclusion**
 I. $P = I$
 II. $I \leq E$
 III. $H \leq K$
 (a) Only I is true
 (b) Only II is true
 (c) Only III is true
 (d) Only I and II are true
 (e) None is true

Q20.
Statements:
 $L \geq K, K > R, R \leq H, H \leq N$

- Conclusions:**
 I. $L > R$
 II. $N > R$
 III. $L = N$
 (a) Only I and II are true.
 (b) Only either I or II is true.
 (c) Only II and III are true
 (d) Only III is true
 (e) None of these.

Q21.
Statements:
 $T \leq V, V \leq K, K = L, L \leq H$

- Conclusions:**
 I. $V \leq H$
 II. $T \leq L$
 III. $T \leq H$
 (a) Only I and II are true
 (b) Only II and III are true
 (c) Only I and III are true



- (d) All are true
(e) None of these

Q22.**Statements:**

$V \geq W, W > D, D \leq M, M \leq F$

Conclusions:

- I. $V > D$
II. $F > D$
III. $V = F$
(a) Only I is true
(b) Only II is true
(c) Only either I or II is true
(d) Both I and II are true
(e) None of these

Q23.**Statements:**

$M < T, T \leq R, R \geq J$

Conclusions:

- I. $J > M$
II. $R > M$
III. $J = T$
(a) Only I is true
(b) Only II is true
(c) Only III is true
(d) Only I and II are true
(e) None of these

Q24.**Statements:**

$D \geq B, B > H, H = F$

Conclusions:

- I. $F < B$
II. $F < D$
III. $H < D$
(a) Only I is true
(b) Only II is true
(c) Only III is true
(d) Only I and II are true
(e) All are true

Q25.**Statements:**

$H = M, M < T, T \leq K$

Conclusions:

- I. $K > M$
II. $T > H$
III. $H < K$
(a) Only I is true
(b) Only I and II are true
(c) Only II and III are true
(d) Only I and III are true
(e) All are true

Q26.**Statements:**

$N \leq A, A > J, J \geq D$

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Conclusions:

- I. $N < J$
II. $A \geq D$
III. $D < A$
(a) Only I is true
(b) Only II is true
(c) Only III is true
(d) Only I and II are true
(e) None of these

Q27.**Statements:**

$R = T, T < M, M \leq K$

Conclusions:

- I. $K < R$
II. $M > R$
III. $K > T$
(a) Only I and II are true
(b) Only II and III are true
(c) Only I and III are true
(d) All are true
(e) None of these

Q28.**Statements:**

$F > W, W \leq M, M \geq R$

Conclusions:

- I. $R \leq W$
II. $F > R$
III. $W = R$
(a) None is true
(b) Only I is true
(c) Only II is true
(d) Only III is true
(e) Only II and III are true

Q29.**Statements:**

$F \geq H, H > K, K = R, R \leq M$

Conclusions:

- I. $F > R$
II. $F \geq M$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.
(c) if either Conclusion I or II is true.
(d) if neither Conclusion I nor II is true.
(e) if both Conclusions I and II are true.

Q30.**Statements:**

$L < D, D \leq P, P \geq V, V > G$

Conclusions:

- I. $P > L$
II. $G < P$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.

- (c) if either Conclusion I or II is true.
(d) if neither Conclusion I nor II is true.
(e) if both Conclusions I and II are true.

Q31.**Statements:**

$E > W, W \leq Q, Q = T, T < H$

Conclusions:

- I. $H \geq W$
II. $H \geq E$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.
(c) if either Conclusion I or II is true.
(d) if neither Conclusion I nor II is true.
(e) if both Conclusions I and II are true.

Q32.**Statements:**

$J \leq T, T < H, H > I, I = L$

Conclusions:

- I. $L \leq I$
III. $J \leq I$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.
(c) if either Conclusion I or II is true.
(d) if neither Conclusion I nor II is true.
(e) if both Conclusions I and II are true.

Q33.**Statements:**

$R < Q, Q > P, P \leq V, V \geq M$

Conclusions:

- I. $R < P$
II. $R \geq P$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.
(c) if either Conclusion I or II is true.
(d) if neither Conclusion I nor II is true.
(e) if both Conclusions I and II are true.

Q34.**Statements:**

$H \geq T, T \leq M, M > F$

Conclusions:

- I. $F < T$
II. $H > M$
(a) if only Conclusion I is true.
(b) if only Conclusion II is true.
(c) if either Conclusion I or II is true.



(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q35.

Statements:

$B = N, N \geq T, T < K$

Conclusions:

I. $T = B$

II. $T < B$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q36.

Statements:

$R < J, J > F, F \leq H$

Conclusions:

I. $H > J$

II. $R < F$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q37.

Statements:

$J > D, D = N, N \leq F$

Conclusions:

I. $J > F$

II. $F \geq D$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q38.

Statements:

$B > T, T < H, H = M$

Conclusions:

I. $M > T$

II. $B > H$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q39.

Statements:

$W \leq V, V = Z, Z = D$

Conclusions:

I. $D \leq V$

II. $W \leq Z$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q40.

Statements:

$M \leq R, R < T, T \geq K$

Conclusions:

I. $T > M$

II. $R < K$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q41.

Statements:

$D > K, K < N, N = F$

Conclusions:

I. $D > N$

II. $F > N$

III. $D \leq N$

(a) Only II is true

(b) Only either I or III and II are true

(c) Only either I or III is true

(d) Only I and II are true

(e) None of these

Q42.

Statements:

$H \geq R, R \leq M, M = N$

Conclusions:

I. $H > M$

II. $N > R$

III. $N = R$

(a) Only I is true

(b) Only either II or III and I are true

.. ,

(c) Only either II or III is true

(d) Only III is true

(e) None of these

Q43.

Statements:

$M \leq R, R < T, T = N$

Conclusions:

I. $N > R$ II. $T > M$

III. $N \geq R$

(a) Only I, and II are true

(b) Only I and III are true

(c) Only II and III are true

(d) All I, II, and III are true

(e) None of these

Q44.

Statements:

$B \geq R, R > K, K < M$

Conclusions:

I. $M > R$

II. $K < B$ III. $K \leq B$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) None is true

(e) Only II and III are true

Q45.

Statements:

$F < D, D > K, K \leq B$

Conclusions:

I. $B > D$

II. $F < K$

III. $B > F$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) None is true

(e) Only II and III are true

Q46.

Statements:

$J = V, V > W, W \leq T$

Conclusions:

I. $T \geq J$

II. $T > V$

III. $W < J$

(a) Only I is true

(b) Only I and II are true

(c) Only II and III are true ;

(d) Only I and III are true

(e) None of these

Q47.

Statements:

$H \leq T, T \geq L, L = F$

Conclusions:

I. $F \leq H$

II. $H \leq L$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.



- (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q48.**Statements:** $V \leq I, I \geq M, M \leq Q$ **Conclusions:****I.** $I \leq Q$ **II.** $I \geq Q$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q49.**Statements:** $P \geq W, W \geq D, D \leq J$ **Conclusions:****I.** $J \geq P$ **II.** $J \geq W$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q50.**Statements:** $E \geq U, U = R, R \leq F$ **Conclusions:** $E \leq F$ **II.** $E \geq F$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q51.**Statements:** $T \leq J, J \geq I, I \geq W$ **Conclusions:** $I, J \geq W$ **II.** $T = I$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.

- (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q52.**Statements:** $K \geq D, D \leq L, L \geq J$ **Conclusions:****I.** $K \leq L$ **II.** $K \leq J$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

Q53.**Statements:** $J > K, K \leq T, T < N, N \geq R$ **Conclusions:****I.** $J > T$ **II.** $R \leq T$ **III.** $N > K$ **IV.** $R \leq K$

- (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only IV is true

Q54.**Statements:** $F = W, W \geq R, R < M, M > D$ **Conclusions:****I.** $D < R$ **II.** $M > F$ **III.** $R < D$ **IV.** $R \leq F$

- (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only IV is true
 (e) Only III is true

Q55.**Statements:** $H < B, B \leq E, V \geq E, W > V$ **Conclusions:****I.** $W > E$ **II.** $H < E$ **III.** $H < V$ **IV.** $W > B$

- (a) Only I and II are true
 (b) Only I, II and III are true
 (c) Only II, III and IV are true

- (d) All I, II, III and IV are true
 (e) None of these

Q56.**Statements:** $R \geq K, K \leq N, N > J, J = H$ **Conclusions:****I.** $R > N$ **II.** $J < K$ **III.** $H \geq N$ **IV.** $R > H$

- (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only IV is true
 (e) Only III is true

Q57.**Statements:** $K \leq D, D > N, N = M, M \geq W$ **Conclusions:****I.** $M < K$ **II.** $N < K$ **III.** $M \geq D$ **IV.** $W \leq N$

- (a) Only I and II are true
 (b) Only I, II and III are true
 (c) Only III and IV are true
 (d) All I, II, III and IV are true
 (e) None of these

Q58.**Statements:** $N > T, T \geq R, R = M, M < D$ **Conclusions:****I.** $D > R$ **II.** $M < T$ **III.** $M = T$ **IV.** $M > D$

- (a) Only I is true
 (b) Only either II or III is true
 (c) Only either II or III and I are true
 (d) Only III is true
 (e) None of these

Q59.**Statements:** $H = W, W \leq R, R > F$ **Conclusions:****I.** $R = H$ **II.** $R > H$

- (a) if only Conclusion I is true.
 (b) if only Conclusion II is true.
 (c) if either Conclusion I or II is true.
 (d) if neither Conclusion I nor II is true.
 (e) if both Conclusions I and II are true.

**Q60.****Statements:** $M < T, T > K, K = D$ **Conclusions:****I.** $D < T$ **II.** $K < M$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q61.****Statements:** $R \leq N, N \geq F, F > B$ **Conclusions:****I.** $F = R$ **II.** $B < N$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q62.****Statements:** $H = W, W < M, M \geq K$ **Conclusions:****I.** $K < W$ **II.** $H > M$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q63.****Statements:** $R \geq T, T = M, M = D$ **Conclusions:****I.** $D < T$ **II.** $R \geq M$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q64.****MOCKTIME.COM****Statements:** $F \geq K, K < B, B \leq M$ **Conclusions:****I.** $M > F$ **II.** $B > F$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q65.****Statements:** $R > K, K \leq F, F < N$ **Conclusions:****I.** $N > R$ **II.** $F = R$ **III.** $F > R$ **(a)** Only I is true**(b)** Only either II or III is true**(c)** Only I and either II or III are true**(d)** Only III is true**(e)** None of these**Q66.****Statements:** $J > M, M < K, K \geq D$ **Conclusions:****I.** $J > D$ **II.** $D < M$ **III.** $K > J$ **(a)** None is true.**(b)** Only I is true**(c)** Only II is true**(d)** Only III is true**(e)** Only I and II are true**Q67.****Statements:** $H < T, T \leq B, B > R$ **Conclusions:****I.** $R > H$ **II.** $B > H$ **III.** $T < R$ **(a)** Only I is true**(b)** Only I and II are true**(c)** Only I and III are true**(d)** Only II and III are true**(e)** None of these**Q68.****Statements:** $R \leq D, D = N, N > F$ **Conclusions:****I.** $F < D$ **II.** $F < R$ **III.** $N \geq R$ **(a)** Only I and II are true**(b)** Only I and III are true**(c)** Only II and III are true**(d)** All are true**(e)** None of these**Q69.****Statements:** $F \leq B, B = H, H \geq K$ **Conclusions:****I.** $B \geq F$ **II.** $K = F$ **III.** $K \leq B$ **(a)** Only I is true**(b)** Only II is true**(c)** Only III is true**(d)** Only I and III are true**(e)** None of these**Q70.****Statements:** $M \geq D, D < K, K \leq N$ **Conclusions:****I.** $K > M$ **II.** $N > D$ **III.** $M > N$ **(a)** Only I is true**(b)** Only II is true**(c)** Only III is true**(d)** Only I and II are true**(e)** None of these**Q71.****Statements:** $K \leq V, V \leq N, N \geq F$ **Conclusions:****I.** $F < V$ **II.** $K < N$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.**(d)** if neither Conclusion I nor II is true.**(e)** if both Conclusions I and II are true.**Q72.****Statements:** $H \leq W, W = M, M < B$ **Conclusions:****I.** $B > H$ **II.** $M \geq H$ **(a)** if only Conclusion I is true.**(b)** if only Conclusion II is true.**(c)** if either Conclusion I or II is true.



(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q73.

Statements:

$D \geq B, B > T, T = M$

Conclusions:

I. $T \leq D$

II. $M \leq D$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q74.

Statements:

$M > T, T < K, K \leq N$

Conclusions:

I. $N > T$

II. $N > M$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q75.

Statements:

$R = J, J \geq D, D > F$

Conclusions:

I. $D = R$

II. $D < R$

(a) if only Conclusion I is true.

(b) if only Conclusion II is true.

(c) if either Conclusion I or II is true.

(d) if neither Conclusion I nor II is true.

(e) if both Conclusions I and II are true.

Q76.

Statements:

$M = T, T \geq K, K < D$

Conclusions:

I. $D > T$

II. $K = M$

III. $K < M$

(a) None is true

(b) Only I is true

(c) Only II is true

(d) Only III is true

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(e) Only either II or III is true

Q77.

Statements:

$W < N, N \leq J, J \geq B$

Conclusions:

I. $W < J$

II. $B < N$ III $W < B$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) Only I and II are true

(e) None of these

Q78.

Statements:

$H \geq K, K > N, N < T$

Conclusions:

I. $T > K$

II. $N < H$

III. $T > H$

(a) Only I is true

(b) Only II is true —

(c) Only III is true

(d) Only 1 and II are true

(e) None of these

Q79.

Statements:

$B \leq D, D \geq J, J = F$

Conclusions:

I. $B \leq J$

II. $B = J$

III. $F \leq D$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) Only II and III are true

(e) None of these

Q80.

Statements:

$R > K, K = M, M \leq B$

Conclusions:

I. $R > B$

II. $B = K$

III. $B < K$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) None is true

(e) All I, II and III are true

Q81.

Statements:

$V < K, K \geq B, B > M$

Conclusions:

I. $V < B$

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II. $M < K$

III. $M < V$

(a) None is true

(b) Only I is true

(c) Only II is true

(d) Only III is true

(e) Only II and III are true

Q82.

Statements:

$D \leq R, R = F, F > T$

Conclusions:

I. $F = D$

II. $F > D$

III. $T < R$

(a) Only I is true

(b) Only II is true

(c) Only III is true

(d) Only either I or II is true

(e) Only either I or II and III are true

Q83.

Statements:

$N \geq D, D \leq K, K > A$

Conclusions:

I. $K \geq N$

II. $A < D$

III. $N > A$

(a) None is true

(b) Only I is true

(c) Only II is true

(d) Only III is true

(e) Only II and III are true

Q84.

Statements:

$K \geq T, T > N, N < R$

Conclusions:

I. $R > K$

II. $N \leq K$

III. $K > N$

(a) None is true

(b) Only I is true

(c) Only II is true

(d) Only III is true

(e) Only II and III are true

Q85.

Statements:

$W = K, K < F, D > F$

Conclusions:

I. $D > K$

II. $D > W$ III $F \geq W$

(a) Only I and II are true

(b) Only I and 11 are true

(c) Only II and III are true

(d) All I, II and III are true

(e) None of these

CORRESPONDENCE COURSE

**Q86.****Statements:** $B \leq K, K < F, F = R$ **Conclusions:****I.** $R > K$ **II.** $R > B$ **III.** $F > B$ **(a)** Only I and II are true**(b)** Only I and III are true**(c)** Only II and III are true**(d)** All I, II and III are true**(e)** None of these**Q87.****Statements:** $H > M, M = D, D \geq K$ **Conclusions:****I.** $H > D$ **II.** $K \leq M$ **III.** $K < H$ **(a)** Only II is true**(b)** Only II and III are true**(c)** Only I and III are true**(d)** Only I and II are true**(e)** All I, II and III are true**Q88.****Statements:** $R \geq K, K > M, M \leq J$ **Conclusions:****I.** $J > K$ **II.** $M < R$ **III.** $M = R$ **(a)** None is true**(b)** Only I is true**(c)** Only II is true**(d)** Only either II or III is true**(e)** Only III is true**Q89.****Statements:** $D < K, K = F, F \geq B$ **Conclusions:****I.** $F > D$ **II.** $B < K$ **III.** $B = K$ **(a)** Only I is true**(b)** Only II is true**(c)** Only III is true**(d)** Only either II or III is true**(e)** Only either II or III and I are true**Q90.****Statements:** $H \leq W, W < N, N = R$ **Conclusions:****I.** $R > W$ **II.** $N > W$ **III.** $H < R$ **(a)** Only I and II are true**(b)** Only II and III are true**(c)** Only I and III are true**(d)** All I, II and III are true**(e)** None of these**Q91.****Statements:** $Z = M, M \leq F, F > D$ **Conclusions:****I.** $F = Z$ **II.** $F > Z$ **III.** $D < Z$ **(a)** Only I is true**(b)** Only either I or II is true**(c)** Only II is true**(d)** Only III is true**(e)** None of these**Q92.****Statements:** $R > B, B \geq N, N < T$ **Conclusions:****I.** $N < R$ **II.** $T > B$ **III.** $T > R$ **(a)** None is true**(b)** Only I is true**(c)** Only II is true**(d)** Only III is true**(e)** Only I and II are true**Q93.****Statements:** $W \geq K, K > R, R = N$ **Conclusions:****I.** $N < K$ **II.** $R < W$ **III.** $W > N$ **(a)** Only I and II are true**(b)** Only either II or III is true**(c)** Only II and III are true**(d)** Only I and III are true**(e)** All I, II and III are true**Q94.****Statements:** $M > R, R < P, P = J$ **Conclusions:****I.** $M > P,$ **II.** $J > R$ **III.** $J < M.$ **(a)** None is true**(b)** Only I is true**(c)** Only II is true**(d)** Only III is true**(e)** Only II and III are true**Q95.****Statements:** $P \geq D, D > Q, Q \leq R$ **Conclusions:****I.** $Q < P$ **II.** $R > D$ **III.** $P > D$ **(a)** None is true**(b)** Only I is true**(c)** Only II is true**(d)** Only III is true**(e)** None of these**Q96.****Statements:** $T < M, M \leq K, K \geq F$ **Conclusions:****I.** $F < M$ **II.** $F < T$ **III.** $K > T$ **(a)** Only III is true**(b)** Only II is true**(c)** Only I is true**(d)** Only II and III are true**(e)** All I, II and III are true**Q97.****Statements:** $H \leq K, K = N, N < T$ **Conclusions:****I.** $T > K$ **II.** $N = H$ **III.** $H < N$ **(a)** Only I is true,**(b)** Only II is true**(c)** Only III is true**(d)** Only either II or III is true**(e)** Only either II or III and I are true**Q98.****Statements:** $F = D, D \geq K, K > M$ **Conclusions:****I.** $M < D$ **II.** $K \leq F$ **III.** $F > M$ **(a)** Only I and II are true**(b)** Only I and III are true**(c)** Only II and III are true**(d)** All I, II and III are true**(e)** None of these**Q99.****Statements:** $J > D, D \leq K, K < R$ **Conclusions:**



- I. $R > J$
 II. $R > D$
 III. $K > J$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only II and III are true

Q100.**Statements:** $M \geq K, K = R, R < N$ **Conclusions:**

- I. $R < M$
 II. $R = M$
 III. $N > K$
 (a) Only I is true
 (b) Only II is true
 (c) Only III is true
 (d) Only either 1 or II is true
 (e) Only either I or II and III are true

Q101.**Statements:** $B < H, H > J, J \geq M$ **Conclusions:**

- I. $B < J$
 II. $M < B$
 III. $H > M$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only II and III are true

Q102.**Statements:** $Z \leq K, K < E, E = R$ **Conclusions:**

- I. $R > K$
 II. $Z < E$
 III. $R > Z$
 (a) Only I is true
 (b) Only 1 and II are true
 (c) Only I and III are true
 (d) Only II and III are true
 (e) All I, II and III are true

Q103.**Statements:** $W = M, M \leq R, R > F$ **Conclusions:**

- $F < M$
 II. $R \geq W$ or III. $W < F$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true

- (e) Only I and II are true

Q104.**Statements:** $D = M, M \geq B, B < R, R > T$ **Conclusions:**

- I. $B < D$
 II. $B = D$
 III. $T < M$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only either I or II is true

Q105.**Statements:** $W \leq F, F = D, D < K, K \geq J$ **Conclusions:**

- I. $K > W$
 II. $D \geq W$
 III. $F < K$
 (a) Only I and II are true
 (b) Only I and III are true
 (c) Only II and III are true
 (d) All I, II and III are true
 (e) None of these

Q106.**Statements:** $R < K, K \leq M, M > T, T \geq J$ **Conclusions:**

- I. $J < M$
 II. $R < M$
 III. $K \leq J$
 (a) Only I is true
 (b) Only II is true
 (c) Only I and II are true
 (d) All I, II and III are true
 (e) None of these

Q107.**Statements:** $R = K, T \leq K, T \geq M, M < W$ **Conclusions:**

- I. $W > K$
 II. $M \leq R$
 III. $T \leq R$
 (a) Only I is true
 (b) Only II is true
 (c) Only III is true
 (d) All I, II and III are true
 (e) None of these

Q108.**Statements:** $T \geq N, N > B, B = W, K \leq W$ **Conclusions:**

- I. $K \geq B$
 II. $K \geq T$
 III. $T > B$
 (a) Only I and II are true
 (b) Only I and III are true
 (c) Only II and III are true
 (d) All I, II and III are true
 (e) None of these

Q109.**Statements:** $Z > V, V < J, J \leq M, M = R$ **Conclusions:**

- $R > V$
 II. $M > V$
 III. $Z > M$
 (a) Only I and II are true
 (b) Only I and III are true
 (c) Only II and III are true
 (d) All I, II and III are true
 (e) None of these

Q110.**Statements:** $R \leq K, K < M, M < J$ **Conclusions:**

- I. $J > K$
 II. $M > R$
 III. $R < J$
 (a) Only I and II are true ; !
 (b) Only II and III are true
 (c) Only I and III are true
 (d) All I, II and III are true
 (e) None of these

Q111.**Statements:** $Z < M, M > K, K < F$ **Conclusions:**

- I. $F > Z$
 II. $K < Z$
 III. $F > M$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only II and III are true

Q112.**Statements:** $B < J, J \geq W, W > M$ **Conclusions:**

- I. $M < J$
 II. $W < B$
 III. $B > M$
 (a) None is true
 (b) Only I is true
 (c) Only II is true



- (d) Only III is true
(e) Only I and III are true

Q113.**Statements:**

$V \geq H, H < F, F \leq E$

Conclusions:

- I. $F < V$
 II. $F < V$
 III. $E \geq H$
 (a) Only either I or II is true
 (b) Only III is true
 (c) Only I and II are true,
 (d) All I, II and III are true
 (e) Only either I or II and III are true

Q114.**Statement**

$W > T, T \leq N, N \geq D$

Conclusions:

- I. $D < T$
 II. $W > N$
 III. $D < T$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only I and II are true

Q115.**Statements:**

$H > J, J = N, N \leq R, R > W$

Conclusions:

- I. $W \% N$
 II. $W \% H$
 III. $R = J$
 IV. $R > J$
 (a) Only I is true
 (b) Only II is true
 (c) Only III is true
 (d) Only IV is true
 (e) Only either III or IV is true

Q116.**Statements:**

$B \leq D, D > F, F \% M, M \geq N$

Conclusions:

- I. $B \% F$
 II. $M > D$
 III. $N \% F$
 IV. $D > N$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only IV is true

Q117.

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Statements:

$R \geq T, T > M, M \% K, K \leq V$

Conclusions:

- I. $V > M$
 II. $V > T$
 III. $M \% R$
 IV. $K > R$
 (a) Only I and II are true
 (b) Only I and III are true
 (c) Only II and IV are true
 (d) Only I, III and IV are true
 (e) None of these

Q118.**Statements:**

$M \% K, K \geq W, W > V, V \leq N$

Conclusions:

- I. $N \geq K$
 II. $M \% W$
 III. $K > V$
 IV. $V \% M$
 (a) None is true
 (b) Only I is true
 (c) Only II is true
 (d) Only III is true
 (e) Only IV is true

Q119.**Statements:**

$F = Z, Z \leq H, H \% N, N > B$

Conclusions:

- I. $F \leq H$
 II. $N > Z$
 III. $B \% H$
 IV. $B \% Z$
 (a) Only I and III are true
 (b) Only II, III and IV are true
 (c) Only I and II are true
 (d) Only I, II and III are true
 (e) None of these/

Q120.**Statements:**

$R \leq D, D > W, B \& V$

Conclusions:

- I. $W < R$
 II. $B > D$
 III. $W \geq R$
 (a) None is true
 (b) Only I is true
 (c) Only III is true
 (d) Only either I or III is true
 (e) All are true

Q121.**Statements:**

$H \geq V, V = M, K > M$

Conclusions:

I. $K > V$

II. $M \leq H$

III. $H > K$

- (a) Only I and III are true
 (b) Only II and III are true
 (c) Only I and II are true
 (d) All are true
 (e) None of these

Q122.**Statements:**

$K < T, T \geq B, B \leq F$

Conclusions:

- I. $F \geq T$
 II. $K < B$
 III. $T \geq F$
 None is true
 (a) Only I is true
 (b) Only I and II are true
 (c) Only II and III are true
 (d) All are true
 (e)

Q123.**Statements:**

$Z < F, R \leq F, D > R$

Conclusions:

- I. $Z < R$
 II. $F < D$
 III. $D > Z$
 (a) None is true
 (b) Only I is true
 (c) Only III is true
 (d) Only either I or III is true
 (e) All are true

Q124.**Statements:**

$M > R, R = D, D \leq N$

Conclusions:

- I. $M > N$
 II. $N \geq R$
 III. $M > D$
 (a) Only I and II are true
 (b) Only II and III are true
 (c) Only I and III are true
 (d) All are true
 (e) None of these
 Directions (141-145) In the following questions the symbols @, \$, #, © and % are used with the following meaning as illustrated below 'P \$ Q' means 'P is not smaller than Q.' 'P © Q' means 'P is neither greater than nor equal to Q.' '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.' Now in each of the following questions assuming the given statements to be true, find which of the four conclusions I, II, III and IV given below them is/are definitely true and give your answer accordingly. (IBPS Specialist Officer OWE Exam.

Q125.

Statements:

$R > J, J \geq D, D = K, K \leq T$

Conclusions:

I. $T > D$

II. $T = D$

III. $R > K$

IV. $J \geq T$

(a) Only either I or II is true

(b) Only III is true

(c) Only III and IV are true

(d) Only either I or II and III are true

(e) None of these

Q126.

Statements:

$T \leq R, R \geq M, M = D, D < H$

Conclusions:

I. $D \leq R$

II. $H > R$

III. $T < M$

IV. $T \leq D$

(a) Only I is true

(b) Only I and IV are true

(c) Only I and II are true

(d) Only II and IV are true

(e) None of these

Q127.

Statements:

$M = B, B > N, N \geq R, R < K$

Conclusions:

I. $K > B$

II. $R < B$

III. $M \geq R$

IV. $N < M$

(a) Only I and III are true

(b) Only I and II are true

(c) Only II and IV are true

(d) Only II, III and IV are true

(e) None of these

Q128.

Statements:

$F > H, H = M, M < E, E \geq J$

Conclusions:

I. $J < M$

II. $E > H$

III. $M < F$

IV. $F > E$

(a) Only I and II are true

(b) Only II and III are true

(c) Only I, II and III are true

(d) Only II, III and IV are true

(e) None of these

Q129.

Statements:

$D \leq A, A = B, B < K, K \leq M$

Conclusions:

I. $B \geq D$

II. $K > A$

III. $M > B$

IV. $A < M$

(a) Only I, II and IV are true

(b) Only I, II and III are true

(c) Only II, III and IV are true

(d) Only I, III and IV are true

(e) All I, II, III and IV are true

Q130.

Statements:

$A > N, S \geq N, S > W, W \leq R$

Conclusions:

I. $R \geq A$

II. $S > R$

III. $S > A$

IV. $W \leq A$

(a) Only I and II are true

(b) Only II, III and IV are true

(c) None is true

(d) All I, II, III and IV are true

(e) None of these

Q131.

Statements:

$D < E, E \leq T, T < C. C < A$

Conclusions:

D < A

II. $C \leq D$

III. $A > E$

IV. $T < A$

(a) Only I, III and IV are true

(b) Only I, II and IV are true

(c) Only I, II and III are true

(d) Only I and III are true

(e) All I, II, III and IV are true

Q132.

Statements:

$O \geq B, B < S, S < E, E \leq R$

Conclusions:

I. $S \leq O$

II. $R > S$

III. $B < R$

IV. $B < E$

(a) Only I and II are true

(b) Only III is true

(c) Only I, III and IV are true

(d) All I, II, III and IV are true

(e) Only III and IV are true

Q133.

Statements:

$D \leq S, S > P, P \geq I, P < T$

Conclusions:

I. $P < D$

II. $P \geq T$

III. $T \geq S$

IV. $I \leq D$

(a) Only I and III are true

(b) Only III is true

(c) Only III and IV are true

(d) Only II, III and IV are true

(e) Only I, III and IV are true

Q134.

Statements:

$U < N, N \geq F, F \geq A, A > R$

Conclusions:

I. $A < U$

II. $N > R$

III. $R \leq U$

IV. $U > A$

(a) Only II is true

(b) Only I and II are true

(c) Only I, II and IV are true

(d) Only III and IV are true

(e) Only II and either I or IV are true

ANSWERS :

	1 c	2 d	3 e	4 b	5 b	6 c	7 e	8 a	9 a	10 d	11 c	12 e	13 c	14
a	15 d	16 b	17 d	18 c	19 e	20 a	21 d	22 d	23 b	24 e	25 e	26 c	27 b	28
a	29 a	30 e	31 d	32 d	33 c	34 d	35 c	36 d	37 b	38 a	39 e	40 a	41 b	42
c	43 a	44 b	45 d	46 e	47 a	48 c	49 b	50 d	51 d	52 a	53 d	54 d	55 d	56
e	57 c	58 c	59 c	60 a	61 b	62 d	63 e	64 d	65 c	66 a	67 e	68 b	69 d	70
b	71 b	72 e	73 d	74 a	75 c	76 e	77 a	78 b	79 c	80 d	81 c	82 e	83 a	84



d	85 b	86 d	87 e	88 c	89 e	90 d	91 b	92 b	93 e	94 b	95 c	96 b	97 e	98
d	99 b	100 e	101 d	102 e	103 c	104 e	105 d	106 c	107 e	108 e	109 a	110 d	111 a	112
b	113 e	114 a	115 e	116 a	117 b	118 d	119 c	120 d	121 c	122 a	123 a	124 b	125 d	126
a	127 c	128 b	129 e	130 c	131 a	132 d	133 b	134 e						