

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

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Inequality Questions for Upcoming Mains Exams

Directions (1-2): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer if.

Give Answer:

- a) If Only conclusion I follows.
- b) If Only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If Neither conclusion I nor II follows.
- e) If both conclusions I and II follow

1) Statements:

$$L \geq H \leq D > Q; E \geq H > J \geq X$$

Conclusions:

I) $X < L$

II) $E > Q$

- a) a
- b) b
- c) c
- d) d
- e) e

2) Statements:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

$$P \leq W \geq C > A \leq U; Y < U \leq Q$$

Conclusions:

I) $C > Y$

II) $W \leq Q$

- a) a
- b) b
- c) c
- d) d
- e) e

Directions (3-5): In the following questions, the symbols \$, *, #, @ and © are used with the following meaning as illustrated below:

Give answer:

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

$P@Q$ 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 neither smaller than nor greater than O

$P\#Q$ means P is not smaller than Q

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

3) Statement: $B\$K$; $D\#M$; $K@D$

Conclusion:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

I) B\$M

II) B@M

- a) a
- b) b
- c) c
- d) d
- e) e

4) Statement: H@N; W#V; N©W

Conclusion:

I) H@V

II) V@N

- a) a
- b) b
- c) c
- d) d
- e) e

5) Statement: Q#D; J*D, Q@M

Conclusion:

I) Q©J

II) Q\$J

- a) a
- b) b
- c) c
- d) d
- e) e

Directions (6-7): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer if.

Give Answer:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- a) If Only conclusion I follows.
- b) If Only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If Neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

6) Statements:

$$M \geq X > N > Y \geq L; N \geq F = G$$

Conclusions:

I) $F \leq M$

II) $G < X$

- a) a
- b) b
- c) c
- d) d
- e) e

7) Statements:

$$Q > L \leq Z \geq X \leq E; Z < V \leq J$$

Conclusions:

I) $X < J$

II) $Q > V$

- a) a
- b) b
- c) c
- d) d
- e) e

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

Directions (8-10): In the following questions, the symbols $>$, $<$, $\%$, $=$ and \geq are used with the following meaning as illustrated below:

In a certain language,

$P > Q$ means P is neither greater than nor equal to Q

$P < Q$ means P is neither equal to nor smaller than Q

$P \% Q$ means P is neither smaller than nor greater than O

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

$P \geq Q$ means P is not greater than Q

8) Statement: $L < J = I < O \geq B$

Conclusion:

I) $L > I$

II) $I = B$

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

9) Statement: $D = I ; I \% P ; N < P$

Conclusion:

I) $D < P$

II) $P \% D$

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

10) Statement: $Q = S$; $S \geq T$; $T \% O$; $Z > T$

Conclusion:

I) $Z > O$

II) $S \geq O$

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

Directions (11-13): In the following questions, the symbols \$, %, @, & and # are used with the following meaning as illustrated below:

'A \$ B' means 'A is neither less than nor equal to B'.

'A % B' means 'A is less than B'.

'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' means 'A is equal to B'.

Now in each of the following questions assuming the given statements to be true, find which of the conclusion/s given below them is/are definitely true?

11) Statements:

$M @ N$ # $O \% P$, $P \$ Q$ # S

Conclusions:

I) $M \% P$

II) $N \$ Q$

III) $S \# M$

- a) Only Conclusion I is true.

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- b) Both Conclusions I and III are true.
- c) Either Conclusion II or III is true.
- d) Neither Conclusion I nor III is true.
- e) Both Conclusions II and III are true.

Conclusions:

I) $M \% P \rightarrow M < P$ (As $M \leq N = O < P$, hence it is true)

II) $N \$ Q \rightarrow N > Q$ (As $N = O < P > Q$, it is not defined, hence it is false)

III) $S \# M \rightarrow S = M$ (As $M \leq N = O < P > Q = S$, hence it is false)

Hence, only Conclusion I is true.

12) Statements:

A & B, C @ D, B # C

Conclusions:

I) A & C

II) B @ D

III) A \$ C

- a) Only Conclusion I is true.
- b) Both Conclusions I and II are true.
- c) Either Conclusion I or II is true.
- d) Neither Conclusion I nor III is true.
- e) Either Conclusions I or II and III are true.

Conclusions:

I) A & C $\Rightarrow A \geq C$ (As $A \geq B = C$, hence, it is true)

II) B @ D $\Rightarrow B \leq D$ (As $B = C \leq D$, hence, it is true)

III) A \$ C $\Rightarrow A > C$ (As $A \geq B = C$, hence, it is false)

Hence, both the conclusions I and II are true.

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

13) Statements:

$P \# Q \% R, P \$ T \& W$

Conclusions:

I) $R \& T$

II) $P @ W$

III) $W \% Q$

- a) Only Conclusion III is true.
- b) Both Conclusions I and II are true.
- c) Either Conclusion II or III is true.
- d) Neither Conclusion I nor II nor III is true.
- e) Both Conclusions II and III are true.

Conclusions:

I) $R \& T \Rightarrow R \geq T$ (As $T < P = Q < R$, hence it is false)

II) $P @ W \Rightarrow P \leq W$ (As $W \leq T < P$, hence it is false)

III) $W \% Q \Rightarrow W < Q$ (As $W \leq T < P = Q$, hence it is true)

Hence, only conclusion III is true.

Directions (14-15): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer if.

Give Answer:

- a) If Only conclusion I follows.
- b) If Only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If Neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

14) Statements:

$$K \geq Y > N > P \geq L; N \geq F = T$$

Conclusions:

I) $K \leq L$

II) $Y > T$

- a) a
- b) b
- c) c
- d) d
- e) e

15) Statements:

$$P > L \leq W \geq X \leq T; L < Q \leq C$$

Conclusions:

I) $C > X$

II) $P < C$

- a) a
- b) b
- c) c
- d) d
- e) e

Directions (16-18): In each of the following questions relationship between different elements are given in the statement followed by three set of conclusions. Study the following information carefully and decide which of the following conclusion follows logically.

16) Statement: $F < B = M; W = G \leq K; H < F = K; W > T = P;$

Conclusion:

I) $M > H$

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

II) $W < B$

III) $K \geq P$

- a) Only II and III follows
- b) All I, II and III follows
- c) Only II follows
- d) Only I and II follows
- e) None follows

17) Statement: $R < Q \geq M < H; M > T \leq S = F; Q = L < W \geq B$

Conclusion:

I) $R < W$

II) $H > F$

III) $L \leq S$

- a) Only II and III follows
- b) Only I follows
- c) Only II follows
- d) Only I and III follows
- e) None follows

18) Statement: $D = F \leq G < M; F < W = T; D > S \leq K; G \leq Z > H$

Conclusion:

I) $D \leq T$

II) $M > S$

III) $H < M$

- a) Only II follows
- b) Only I and II follows
- c) Only III follows
- d) Only I and III follows
- e) None Follows

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

Directions (19-21): In the following questions, the symbols £, %, &, \$ and ^ are used with the following meaning as illustrated below:

If

$P£Q$ means 'P is not smaller than Q'

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

$P\&Q$ means 'P is greater than Q'

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

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

19) Statement: $R\%M\$S^T£G£V, T\$Q\%D$

Conclusion:

I). $S\$V$

II). $D\&M$

III). $V\%S$

- a) Only conclusion I follows
- b) Only conclusion II and III follow
- c) Only conclusion III follows
- d) All follow
- e) None of these

20) Statement: $M£P£K\&Q^I£G, L£S\&K$

Conclusion:

I). $I\$L$

II). $G\%P$

III). $S\%M$

- a) Only conclusion I and III follow
- b) Only conclusion II follows

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- c) Only conclusion II and III follow
- d) Only conclusion I follows
- e) None of these

21) Statement: $W\$R\%V^{\wedge}H\$B\%P, H\$K\S

Conclusion:

I). P&B

II). S&V

III). R&K

- a) Only conclusion II follows
- b) Only conclusion III follows
- c) Only conclusion I and II follow
- d) Only conclusion I follow
- e) None of these

Directions (22-24): In each question, 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.

22) Statements:

$$A < D \leq R < T = O;$$

$$M \geq S > R < P;$$

$$M \leq U < V$$

Conclusions:

I) $D < V$

II) $T > M$

III) $M \geq O$

IV) $U \geq O$

- a) Only I follow
- b) Only II and III follow
- c) Either II or III follow

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

d) Either II or III and I follow

e) None of these

23) Statements:

$B \geq Y < R = O > S$; $Z \leq A < Y > T$; $C \leq E = T < F$

Conclusions:

I) $O > Z$

II) $Y < C$

III) $S < A$

IV) $T < O$

a) Only I follow

b) Only II and III follow

c) Only I and IV follow

d) All I, II and IV follows

e) None follows

24) Statements:

$S < M > A = R \geq I$; $P > I \leq N < H$; $L \leq H = O > V$

Conclusions:

I) $M > H$

II) $O \geq M$

III) $A > O$

IV) $H \leq M$

a) None follows

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- b) Only II follows
- c) Either I or II follows
- d) Only IV follows
- e) Either I or IV follows

Directions (25-28): In all the questions that follow, relationship between different elements is shown in the statements. The statements are followed by two conclusions.

Give answer accordingly.

- a) Only conclusion I follows
- b) Only conclusion II follows
- c) Either conclusion I or conclusion II follows
- d) Neither conclusion I nor conclusion II follows
- e) Both conclusion I and conclusion II follows

25) Statements:

$$A > B \leq F = C, F \leq P \leq T, C \leq D$$

Conclusions:

- I. $T > D$
- II. $D \geq T$

26) Statements:

$$P > Q \geq R, T = R \leq A, A \geq B$$

Conclusions:

- I. $B < P$
- II. $P \leq B$

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

27) Statements:

$$T > A < B \leq C, Q \leq L \leq A, G < L$$

Conclusions:

I. $C > G$

II. $Q < T$

28) Statements:

$$P > Q, Q < M, M \geq A$$

Conclusions:

I. $A < Q$

II. $P > M$

Directions (29-30): In each of the following questions, relationship between different elements is shown in the statements followed by two conclusions. Find the conclusion which is definitely true.

Give answer:

- a) If only conclusion I follows.
- b) If only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

29) Statements:

$$W \gt B \geq S = C \neq L \neq E = R \not\geq K$$

Conclusions:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

I). $W \leq S$

II). $W > S$

- a) a
- b) b
- c) c
- d) d
- e) e

30) Statements:

$$W \nabla B \geq S = C \neq L \neq E = R \nabla K$$

Conclusions:

I). $S > L$

II). $C < L$

- a) a
- b) b
- c) c
- d) d
- e) e

Directions (31-32): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer if.

a) Only conclusion I is true

b) Only conclusion II is true

c) Either conclusion I or II is true

d) Both conclusions I and II are true

e) Neither conclusion I nor II is true

31) Statement: $M \geq X \geq L > P; \quad L > R; \quad S \geq Q > X$

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

Conclusion:

I) $S > R$

II) $P < Q$

- a) a
- b) b
- c) c
- d) d
- e) e

32) Statement: $K \leq D < R \geq P > M; \quad R > G \geq X$

Conclusion:

I) $K > X$

II) $X \leq K$

- a) a
- b) b
- c) c
- d) d
- e) e

Directions (33-35): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer if.

Give Answer:

- a) If Only conclusion I follows.
- b) If Only conclusion II follows.
- c) If either conclusion I or II follows.
- d) If Neither conclusion I nor II follows.
- e) If both conclusions I and II follow.

33) Statements:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

$$A = P \geq Q < B;$$

$$Q = D \leq T < N > Y$$

Conclusions:

I) $N > P$

II) $Q < N$

- a) a
- b) b
- c) c
- d) d
- e) e

34) Statements:

$$P > Q = R > S;$$

$$S > T > U \geq V$$

Conclusions:

I) $Q > T$

II) $R \geq V$

- a) a
- b) b
- c) c
- d) d
- e) e

35) Statements:

$$A \leq Z > P;$$

$$P \geq X > J;$$

$$X = G;$$

$$G < H$$

Conclusions:

I) $P = G$

II) $P > G$

- a) a
- b) b
- c) c

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- d) d
- e) e

Directions (36-40): 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 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'.

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

36) Statements: M \$ K, K @ N, N * R, R # W

Conclusions:

I) W @ K

II) M \$ R

III) K @ W

IV) M @ N

- a. Only I and II follows
- b. Only I, II and III follows
- c. Only IV follows
- d. Only II, III and IV follow
- e. None of these

37) Statements: H @ T, T # F, F ! E, E * V

Conclusions:

I) V \$ F

II) E @ T

III) H @ V

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

IV) T # V

- a. Only I, II and III follows
- b. Only I, II and IV follows
- c. Only II, III and IV follow
- d. Only I, III and IV follows
- e. All I, II, III and IV follows

38) Statements: N ! B, B \$ W, W # H, H * M

Conclusions:

I) M @ W

II) H @ N

III) W ! N

IV) W # N

- a. Only I follow
- b. Only III follows
- c. Only IV follows
- d. Only either III or IV and I follow
- e. Only either III or IV follows

39) Statements: R * D, D \$ J, J # M, M @ K

Conclusions:

I) K # J

II) D @ M

III) R # M

IV) D @ K

- a. None follows
- b. Only I follow
- c. Only II follows

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- d. Only III follows
- e. Only IV follows

40) Statements: $D \# R, R * K, K @ F, F \$ J$

Conclusions:

I) $J \# R$

II) $J \# K$

III) $R \# F$

IV) $K @ D$

- a. Only I, II and III follows
- b. Only II, III and IV follow
- c. Only I, III and IV follows
- d. All I, II, III and IV follows
- e. None of these

Directions (41-45): In the questions given below, certain symbols are used with the following meaning:

- a) $P @ Q$ means P is greater than Q.
- b) $P + Q$ means P is either greater than or equal to Q.
- c) $P \# Q$ means P is smaller than Q
- d) $P \% Q$ means P is either smaller than or equal to Q.
- e) $P \$ Q$ means P is equal to Q

41) Statements: $G \$ K, F @ J, K + Q, Q + F$

Conclusions:

- I. $K \$ F$
- II. $F \# K$
- III. $G + F$

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- a. Either I or II and III follows
- b. I and II only follows
- c. Only I follow
- d. II and III only follow
- e. None of these

42) Statements: $T \$ G, K @ P, M \# T, P + M$

Conclusions:

- I. $K @ T$
- II. $G \$ P$
- III. $T @ P$

- a. Only I and II follows
- b. Only II and III follow
- c. Only I and III follow
- d. None follows
- e. All follows

43) Statements: $G \$ E, D \# K, E \# S, K \% G$

Conclusions:

- I. $S @ D$
- II. $D \# E$
- III. $K + E$

- a. Only I and II follows
- b. Only II and III follow
- c. Only I and III follow
- d. None follows
- e. None of these

44) Statements: $R + N, S \% B, A @ R, B \$ A$

Conclusions:

- I. $S \$ N$
- II. $A @ N$
- III. $A + S$

- a. None follows

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- b. Only I follow
- c. Only II follows
- d. Only III follows
- e. Only II& III follows

45) Statements: $W @ S, K \% Z, U + W, S \$ K$

Conclusions:

- I. $U @ K$
- II. $Z @ S$
- III. $W @ Z$

- a. Only II follows
- b. Only I and III follow
- c. Only III follows
- d. Only I follow
- e. None of these

Directions (46 – 50): In the following question, the symbol @, #, %, \$, * are used with the following meaning

'A@ B' means 'A is not smaller than B'.

'A # B' means 'A is not greater than B'.

'A \$ B' means 'A is neither smaller than nor greater than B'.

'A % B' means 'A is neither smaller than nor equal to B'.

'A * B' means 'A is neither greater than nor equal to B'.

In each question, four statements showing relationships have been given, which are followed by four conclusions I, II, III and IV. Assuming that the given statements are true, find out which conclusion(s) is/are definitely true.

46) Statements: $M \# N, N * O, O @ P, P \$ Q$

Conclusions:

- I. $Q * O$
- II. $Q \# O$
- III. $M * O$

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

IV. Q \$ M

- a. I and III are true
- b. II and III are true
- c. III and IV are true
- d. I and II are true
- e. None of the above

47) **Statements:** A \$ B, B @ C, C % D, E * D

Conclusions:

- I. A @ C
- II. E * B
- III. B % D
- IV. A % D

- a. None is true
- b. I and II are true
- c. II and III are true
- d. I, II and III are true
- e. All are true

48) **Statements:** A @ B, B * C, C # D, D % E

Conclusions:

- I. B % E
- II. A @ D
- III. B # E
- IV. A * D

- a. Either I or III is true
- b. Either II or IV is true
- c. II and III are true
- d. Either I or III and either II or IV are true
- e. None is true

49) **Statements:** A % B, B # C, C @ D, D \$ E

Conclusions:

- I. C % E

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

- II. A @ C
- III. A * C
- IV. B \$ D

- a. Either II or III is true
- b. Only I is true
- c. Only IV is true
- d. I and II are true
- e. None of the above

50) **Statements:** T % U, U @ V, V * Z, Z # X

Conclusions:

- I. T @ V
- II. T % V
- III. X @ V
- IV. X % V

- a. I and III are true
- b. II and III are true
- c. II and IV are true
- d. All are true
- e. None of these

Answer Key with Explanations

1). Answer: a

Explanation:

I) True

II) False

2). Answer: d

Explanation:

Answer: D

I). False

II). False

3) Answer: d

Explanation:

I) $B = M \Rightarrow (B = K < D \geq M) \Rightarrow$ False

II) $B (B = K < D \geq M) \Rightarrow$ False

4) Answer: b

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

Explanation:

I) $H (H < N > W \geq V) \Rightarrow \text{False}$

II) $V (N > W \geq V) \Rightarrow \text{True}$

5) Answer: c

Explanation:

I) $Q > J \Rightarrow (Q \geq D \geq J) \Rightarrow \text{False}$

II) $Q = J \Rightarrow (Q \geq D \geq J) \Rightarrow \text{False}$

But it's a complimentary pair.

6) Answer: b

Explanation:

I) False

$F \leq M$

$M \geq X > N \geq F$

II) True

$G < X$

$X > N \geq F = G$

7) Answer: a

Explanation:

I) True

$X < J$

$X \leq Z < V \leq J$

II) False

$Q > V$

$Q > L \leq Z < V \leq J$

8) Answer: d

Explanation:

$L < J \geq I > O \leq B$

I) $L < I \Rightarrow \text{False}$

II) $I \geq B \Rightarrow \text{False}$

9) Answer: c

Explanation:

$D \geq I = P < N$

I) $D > P \Rightarrow \text{False}$

II) $P = D \Rightarrow \text{False}$

10) Answer: e

Explanation:

$Q \geq S \leq T = O ; T > Z$

I) $Z < O \Rightarrow \text{True}$

II) $S \leq O \Rightarrow \text{True}$

11) Answer: a

Explanation:

$M @ N \# O \% P, P \$ Q \# S$

$\rightarrow M \leq N = O < P, P > Q = S$

$\rightarrow M \leq N = O < P > Q = S$

12) Answer: b

Explanation:

Statements:

$A \& B, C @ D, B \# C$

$\rightarrow A \geq B = C \leq D$

13) Answer: a

Explanation:

Statements:

Important Inequality Questions for Upcoming IBPS Clerk Mains Exam

$P \# Q \% R, P \$ T \& W$
 $\rightarrow P = Q < R, P > T \geq W$
 $\rightarrow W \leq T < P = Q < R$

14) Answer: b

Explanation:

I) False

$K \leq L$

$K \geq Y > N > P \geq L$

II) True

$Y > T$

$Y > N \geq F = T$

15) Answer: a

Explanation:

I) True

$C > X$

$C \geq Q > L \leq W \geq X \leq T$

II) False

$P < C$

$P > L < Q \leq C$

16) Answer: d

Explanation:

Given Statement: $F < B = M; W = G \leq K; H < F = K; W > T = P;$

From I: $M > H$ ($M = B > F > H$) \rightarrow True

From II: $W < B$ ($B > F = K \geq G = W$) \rightarrow True

From III: $K \geq P$ ($K \geq G = W > T \geq P$) \rightarrow False

Hence, option D is correct choice.

17) Answer: b

Explanation:

Given Statement: $R < Q \geq M < H; M > T \leq S = F; Q = L < W \geq B$

From I: $R < W$ ($R < Q = L < W$) \rightarrow True

From II: $H > F$ ($H > M > T \leq S = F$) \rightarrow False

From III: $L \leq S$ ($L = Q \geq M > T \leq S$) \rightarrow False

Hence, option B is correct choice.

18) Answer: a

Explanation:

Given Statement: $D = F \leq G < M; F < W = T; D > S \leq K; G \leq Z > H$

From I: $D \leq T$ ($D = F < W = T$) \rightarrow False

From II: $M > S$ ($M > G \geq F = D > S$) \rightarrow True

From III: $H < M$ ($H < Z \geq G < M$) \rightarrow False

Hence, option A is correct choice.

19) Answer: b

Explanation:

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$$R \leq M < S = T \geq G \geq V; T < Q \leq D$$

20) Answer: d

Explanation:

$$M \geq P \geq K > Q = I \geq G; L \geq S > K$$

21) Answer: a

Explanation:

$$W < R \leq V = H < B \leq P; H < K < S$$

Directions (22-24):

22) Answer: A

I) $D < V$ ($D \leq R < S \leq M \leq U < V$) → True

II) $T > M$ ($M \geq S > R < T$) → False

III) $M \geq O$ ($M \geq S > R < T = O$) → False

IV) $U \geq O$ ($U \geq M \geq S > R < T = O$) → False

So, Only I follow

23) Answer: C

I) $O > Z$ ($Z \leq A < Y < R = O$) → True

II) $Y < C$ ($C \leq E = T < Y$) → False

III) $S < A$ ($A < Y < R = O > S$) → False

IV) $T < O$ ($T < Y < R = O$) → True

So, Only I and IV follow

24) Answer: A

I) $M > H$ ($M > A = R \geq I \leq N < H$) → False

II) $O \geq M$ ($M > A = R \geq I \leq N < H = O$) → False

III) $A > O$ ($A = R \geq I \leq N < H = O$) → False

IV) $H \leq M$ ($M > A = R \geq I \leq N < H$) → False

So, none follows

Directions (25-28):

25) Answer: C

$T \geq F = C \leq D$, this gives both T and D less than equal to F

So either T will be $> D$ or T will be $\leq D$

26) Answer: C

$B \leq A \geq R < P$. It satisfies the condition of either or case;

so, either conclusion I or conclusion II follows.

27) Answer: E

$C > A \geq L > G$, so $C > G$

$Q \leq L \leq A < T$, so $Q < T$

28) Answer: D

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$A \leq M > Q$, so no relationship between A and Q

$P > Q < M$, both P and M less than Q so no relationship between P and M

29) Answer: d

Explanation:

I). $W \leq S$ ($W \neq B \neq S = C + L \neq E$)

II). $W > S$ ($W \neq B \neq S = C + L \neq E$)

So, neither conclusion I nor II follows

30) Answer: c

Explanation:

I). $S > L$ ($W \neq B \neq S = C + L \neq E = R \neq K$)

II). $C < L$ ($W \neq B \neq S = C + L \neq E = R \neq K$)

So, either conclusion I or II follows

31) Answer: d

Explanation:

I) True ($S > R$)

II) True ($P < Q$)

32) Answer: e

Explanation:

I) False ($K > X$)

II) False ($X \leq K$)

33) Answer: b

Explanation:

I) $N > P$ ($A = P \geq Q = D \leq T < N > Y$) False

II) $Q < N$ ($A = P \geq Q = D \leq T < N > Y$) True

34) Answer: a

Explanation:

I) $Q > T$ ($P > Q = R > S > T > U \geq V$) True

II) $R \geq V$ ($P > Q = R > S > T > U \geq V$) False

35) Answer: c

Explanation:

I) $P = G$ ($A \leq Z > P \geq X = G < H$) False

II) $P > G$ ($A \leq Z > P \geq X = G < H$) False

Directions (36-40):

36. Answer: c)

$M \geq K, K > N, N \leq R, R < W$

$W > K$ not follows

$M \geq R$ not follows

$K > W$ not follows

$M > N$ follows

37. Answer: b)

$H > T, T < F, F = E, E \leq V$

$V \geq F$ follows

$E > T$ follows

$H > V$ not follows

$T < V$ follows

38. Answer: d)

$N = B, B \geq W, W < H, H \leq Q$

$M > W$

$H > N$

$W = N$

$W < N$

Either III or IV and I follow

39. Answer: a)

$R \leq D, D \geq J, J < M, M > K$

$K < J$

$D > M$

$R < M$

$D > K$

None follows

40. Answer : e)

$D < R, R \leq K, K > F, F \geq J$

$J < R$ not follows

$J < K$ follows

$R < F$ not follows

$K > D$ follows

Directions (41-45):

41). Answer a) Either I or II and III follows

$G = K, F > J, K \geq Q, Q \geq F$

$K = F$

$F < K$

$G \geq F$

Either I or II and III follows

42). Answer d) None follows

$T = G, K > P, M < T, P \geq M$

$K > T$

$G = P$

$T > P$

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None follows

43). Answer a) Only I and II follows

$G = E, D < K, E < S, K \leq G$

S > D follows

D < E follows

$K \geq E$ not follows

44). Answer e) Only II & III follows

$R \geq N, S \leq B, A > R, B = A$

S = N not follows

A > N follows

A \geq S follows

45). Answer d) Only I follow

$W > S, K \leq Z, U \geq W, S = K$

U > K follows

Z > S not follows

W > Z not follows

Directions (46 – 50):

46) Answer b) II and III are true

$M \leq N < O \geq P = Q$

47) Answer e) All are true

$A = B \geq C > D > E$

48) Answer d) Either I or III and either II or IV are true

$A \geq B < C \leq D > E$

49) Answer a) Either II or III is true

$A > B \leq C \geq D = E$

50) Answer c) II and IV are true

$T > U \geq V < Z \leq X$

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