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a) Only conclusion I is true /follows

b) Only conclusion II is true /follows

c) Both conclusions I and II are true /follows

d) Neither conclusion I nor II is true/follows

e) Either conclusion I or II is true /follows

Q1 Statements: $R > S > T$; $R > F > B$. Conclusions: I. $B > S$ II. $F < T$

Q2 Statement: $W > D \geq C = X < A < Z \leq F$ Conclusion: I. $Z > C$ II. $X < W$

Q3 Statement: $L \geq M = N < O$, $P < Q \geq R = S \geq L$ Conclusion: I. $Q > M$ II. $N = Q$

Q4 Statements: $D \geq E > F = A \leq U < L \geq T = R$ Conclusions: I. $F < L$ II. $D > A$

Q5 Statements: $J \geq N \leq T$; $T = S > R$; $K > V \geq J$ Conclusions: I. $V \geq N$ II. $K > J$

Q6 Statement: $C \geq J = K \geq R$; $J \leq U < P$ Conclusions I: $K \leq U$ II: $C < P$

Q7 Statement: $F > D < I \leq E = J$; $G \leq H \leq D$ Conclusions I : $G \leq I$ II: $E > G$

Q8 Statements: $A \geq B > C \leq D \leq E < F$ Conclusions: I. $A \geq E$ II. $C < F$

Q9. Statements: $G > R \geq E = A \leq T \leq S$; $D \leq A \leq J$ Conclusions: I. $T \geq D$ II. $R > J$

Q10 Statements: $S \leq L \leq I = P \geq E > R$; $L < O$ Conclusions: I. $P \geq S$ II. $O > R$

Q11 Which of the following expressions is definitely true if the expressions $A \leq B$ and $C \geq D$ are definitely true?

a) $A = D \leq E = C \geq B$

b) $B = C \geq E \leq A = D$

c) $A \leq D = E \leq C = B$

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

e) $A \leq C < E = B \leq D$

Q12 Which of the following set of symbols should be placed in the place of question marks respectively (in the same order from left to right) in order to complete the given expression in such a manner that $S < L$ as well as $T \leq M$ are definitely true ? ? < ? = ? ≤ ? < ?

a) S, T, N, M, L

b) S, M, N, T, L

c) L, T, N, M, S

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d) L, M, S, N, T

e) None of these

Q13 Which of the following pair of symbols should be placed in place of question marks respectively (from left to right) in order to complete the given expression in such a manner that P ≥ R < U is definitely true? U > T? S = R? Q ≤ P

a) ≥, <

b) >, ≤

c) ≤, ≤

d) >, <

e) None of these

Q14 If G≥L=A>N≤C<E which of the following is definitely false?

a) N>G

b) E>N

c) G>A

d) A=G

e) G>L

Q15 In Which of the following expressions does the expression "T>G" definitely hold true?

a) A ≥ T ≤ G = P < K ≤ M

b) S ≥ T ≥ V = G ≤ B ≥ K

c) T ≥ L = M ≥ S = G ≤ Y

d) G < A = K < T ≤ S ≤ L

e) L ≥ B = G ≥ N = Y ≥ T

Q16 . Which of the following expressions will be true if the given expression "K>T ≥V<S=L≤O is true ?

a)T>L

b) L=T

c) K<S

e)-Either (a) or (b)

Q17 If the expressions, "Q > R, S < Q and S ≥P=U ≥T" are true then, which of the following combinations will be definitely true?

a) T < Q

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b) U > R

c) T = S

d) Q ≥ T

e) None of these

Q18 If the expressions, "$ > ^ > %, % > & = # and # ≤ * < @" are true then which of the following combinations will be definitely false?

a) $ > #

b) & < @

c) % > *

d) # < ^

e) None of these

Q19 Which of the following would replace $ and & in the following expression so that U ≥ P holds true?
Q > R $ S = U ≥ W; T ≤ P & R = V < X

a) >, ≤

b) ≥, ≥

c) ≤, ≤

d) < ≥

e) N. O .T

Q20 In the expression "F ≤ T< R = P "; "S ≤ T > A" are true, which of the following conclusions is definitely is false?

a) P > F

b) P ≤ A

c) S < R

d) P > S

e) R > A

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Solution:

Q1 B > S → False F < T → False Hence, neither conclusion I nor II is true.
Q2 Z > C → True X < W → True Hence, both I and II are true.
Q3 Q > M → False N = Q → False Hence, either I or II is true.
Q4 F < L → True D > A → True Therefore, both conclusions follow.
Q5 V ≥ N → True K > J → True Thus, Both I and II are true.
Q6 I : K ≤ U => K = J ≤ U (Option I follows)
II: C < P => C ≥ J ≤ U < P (Option II not follows)
Only conclusion I is true

Q7 I : G ≤ I (G ≤ H ≤ D < I) (Option I not follows)
II: E > G (E ≥ I > D ≥ H ≥ G) (Option II follows)
Only conclusion II is true

Q8 I. A ≥ E (A ≥ B > C ≤ D ≤ E) (Option I not follows)
II. C < F (C ≤ D ≤ E < F) (Option II follows)
Only conclusion II is true

Q9 I. T ≥ D (T ≥ A ≥ D) (Option I follows)
II. R > S (R ≥ E = A ≤ J) (Option II does not follows)
Only conclusion I is true

Q10 I. P ≥ S (P = I ≤ L ≤ S) (Option I follows)

II. O > R (O > L ≤ I = P ≥ E > R) (Option II does not follows)

Only conclusion I is true

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Q11 Answer: C
$A \leq D = E \leq C = B$
Hence, both the expressions $A \leq B$ and $C \geq D$ are
Definitely true

Q12 Answer: A

$S < T = N \leq M < L$

Hence, $S < L$ as well as $T \leq M$ are definitely true

Q13 Answer: B
$U > T > S = R \leq Q \leq P$
Hence, $P \geq R < U$ is definitely true

Q14 Answer: A
$G \geq L = A > N$
Hence G>N. So N>G is false.

Q15 Answer: D
From option (d), $G < A = K < T \leq S \leq L$, clearly T>G is
True.

Q16 Answer: D
From the given expression "K>T ≥V<S=L≤O", "O>V"
Holds true

Q17 Answer: A
$R < Q > S \geq P = U \geq T$
Option a: $T < Q$ (True)
Option b: $U > R$ (False)
Option c: $T = S$ (False)
Option d: $Q \geq T$ (False)

Q18 Answer: C
Combining the expressions we get, $ > ^ > % > & = # ≤* < @
Option a: $ > # (True)
Option b: & < @ (True)
Option c: % > * (False)
Option d: # < ^ (True)

Q19 Answer: C
Placing $ as ≤ and & as ≤ we get $T \leq P \leq R \leq S = U$
Which satisfies the condition $U \geq P$.

Q20 Answer: B)
Given expression "F ≤ T< R = P" ; "S ≤ T > A"
Option a: P > F (True)

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Option b: $P \leq A$ (False)
Option c: $S < R$ (True)
Option d: $P > S$ (True)
Option e: $R > A$ (True)