Coded Inequality

A is not greater then B ⇒ A ≤ B ⇒ A < B or A = B

A, B से बड़ा नहीं है ⇒ A ≤ B

A is not less then B ⇒ A ≥ B

A, B से छोटा नहीं है ⇒ A ≥ B

A is not greater then equal to B ⇒ A < B

A, B से बड़ा नहीं है और बराबर नहीं है ⇒ A < B

A is not less then equal to B ⇒ A > B

A, B से छोटा नहीं है और बराबर नहीं है ⇒ A > B

A is neither greater nor less then B ⇒ A = B

A, B से ना बड़ा है, ना छोटा है ⇒ A = B

$A > B,\ B > C \Rightarrow A > C$

$A > B,\ B = C \Rightarrow A > C$

$A \geq B,\ B > C \Rightarrow A > C$

$A > B, B > C \Rightarrow A > C$

$A \geq B, B > C \Rightarrow A > C$

$A = B, B > C \Rightarrow A > C$

$A \geq B, B \geq C \Rightarrow A \geq C$

$A = B, B \geq C \Rightarrow A \geq C$

$A = B = C \Rightarrow A = C$

$A < B, B < C \Rightarrow A < C$

$A \leq B, B < C \Rightarrow A < C$

$A < B, B = C \Rightarrow A < C$

$A \leq B, B \leq C \Rightarrow A \leq C$

$A = B, B \leq C \Rightarrow A \leq C$

St → $K \geq R$, $R > S$, $S \geq T$

$K \geq R > S \geq T$

~~1.~~ $K > S$

$R > T$

2. $K \geq T$ ✗

3. $R < T$ ✗

St → $R \geq M$, $V \leq M$, $V > H$, $K \leq H$

$R \geq M \geq V > H \geq K$

Conc →

1. $R \geq V$
2. $R < H$
3. $R > K$
4. $M \geqslant H$
5. $M > K$ ✓
6. $V \geq K$

St– $A \geq B$, $C < B$, $D \leq C$, $K < D$, $R \leq K$

Conc– $A \geq B > C \geq D > K \geq R$

(1) $A \geq C$

(2) $A \geq D$

(3) $A > K$

(4) $A > R$

(5) $B > D$

(6) $B \geq K$

(7) $B < R$

(8) $C < K$

(9) $C > R$

(10) $D < R$

St– $D \leq E$, $H \geq E$, $H \leq V$, $R > V$, $R \leq M$

Conc– $D \leq E \leq H \leq V < R \leq M$

(1) $D < H$

(2) $D \leq V$

(3) $D > R$

(4) $D \leq M$

(5) $E \leq V$

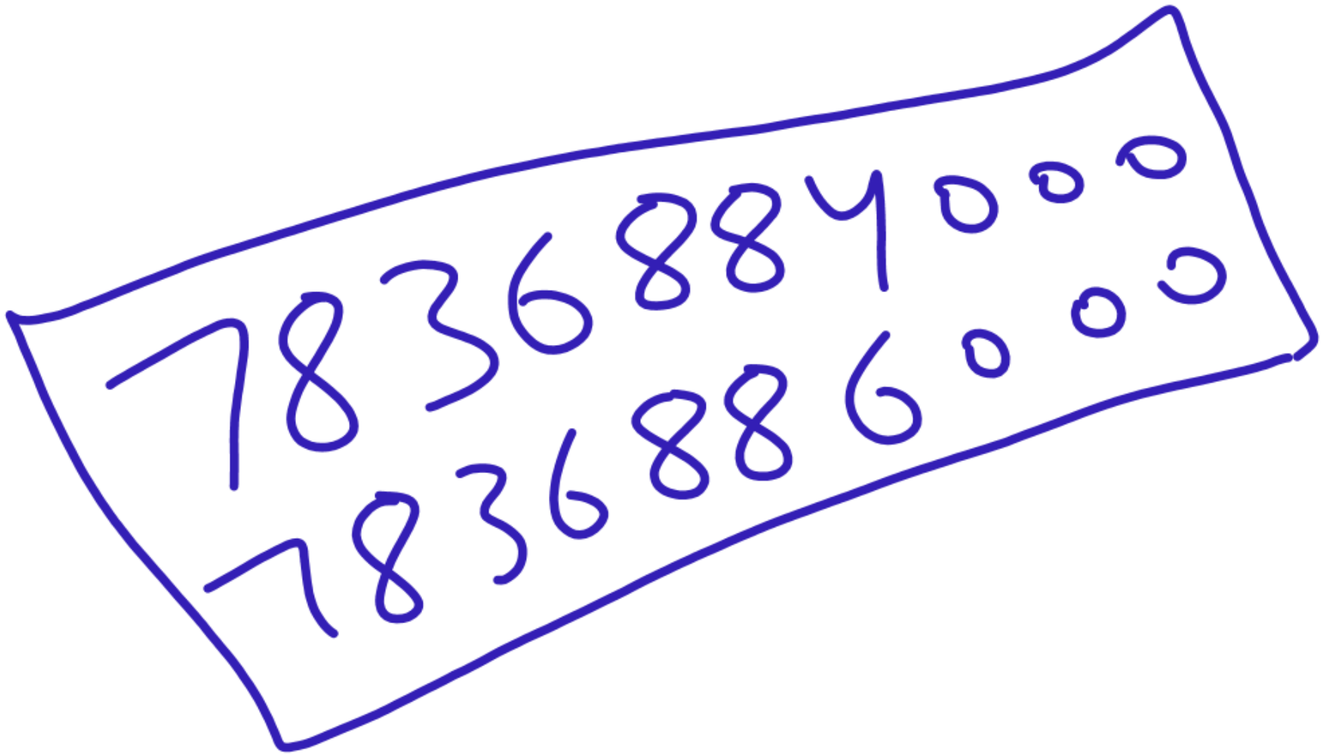
(6) $E > R$

(7) $E < M$

(8) $H > R$

(9) $H > M$

(10) $V \leq M$


7836884000
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St– $K \geq R \geq M$, $H < M$, $H \geq V$, $D < V$

Conc– $K \geq R \geq M > H \geq V > D$

(1) $K \geq M$

(2) $H > K$

(3) $K \geq V$

(4) $D < K$

(5) $R < H$

(6) $R \geq V$

(7) $V < R$

(8) $M < V$

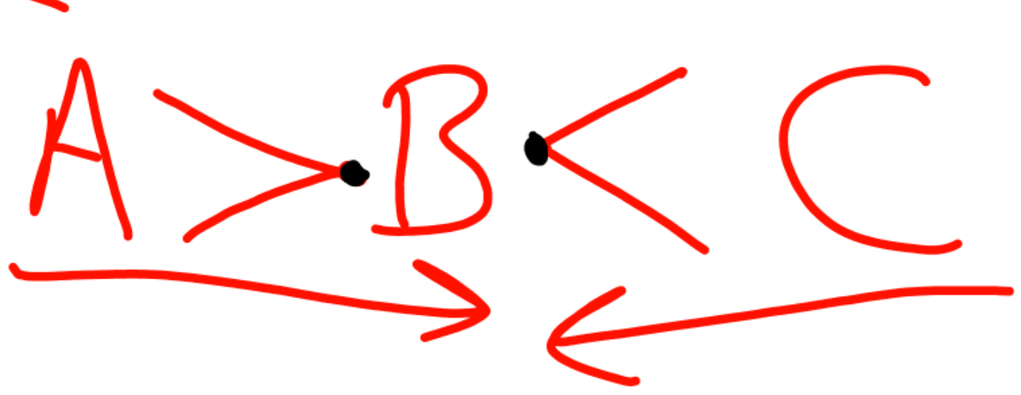
(9) $M > D$

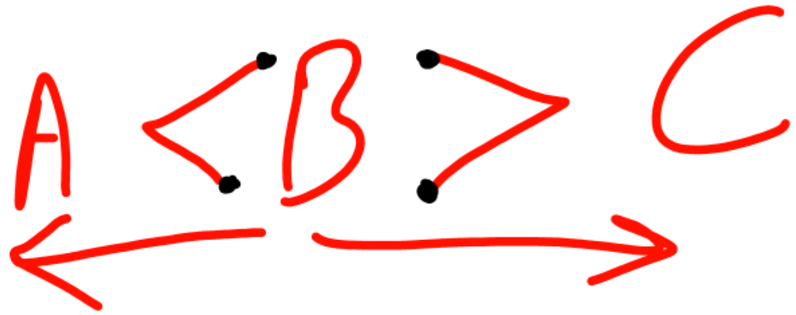
(10) $H < D$

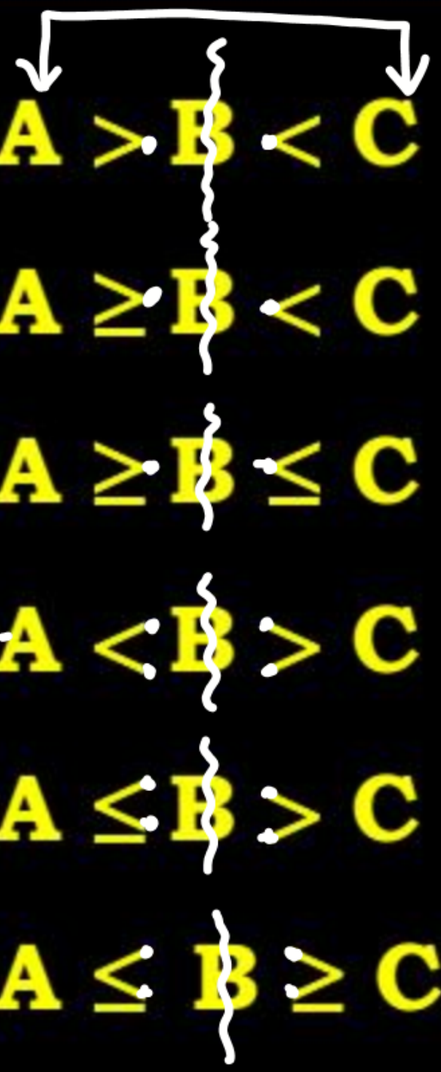
$A \geqslant B \geqslant C \Rightarrow A \geqslant C$

$A > B \geqslant C > D \Rightarrow A > D$

$A \leqslant B \leqslant C < D \leqslant E \Rightarrow A < E$







$A > B < C \Rightarrow$ No Relation

$A \geq B < C \Rightarrow$,, ,,

$A \geq B \leq C \Rightarrow$,, ,,

$A < B > C \Rightarrow$,, ,,

$A \leq B > C \Rightarrow$,, ,,

$A \leq B \geq C \Rightarrow$,, ,,

R>H

St. K ≥ R, H < R, H < V, D ≥ V

Conc– K ≥ R > H < V ≤ D

(1) K > H

(2) K < V

(3) K > D

(4) R > V

(5) R < D

(6) H < D

St. $K \geq R$, $T \leq R$, $T > H$, $V > H$, $V \leq M$

Conc– $K \geq R \geq T > H < V \leq M$

(1) $K \geq T$

(2) $K < H$

(3) $K \geq V$

(4) $K > M$

(5) $R > H$

(6) $R > V$

(7) $R < M$

(8) $T < V$

(9) $T > M$

(10) $H \geq M$

St. $R \leq D$, $H > D$, $H > M$, $S < M$, $W \leq S$

Conc– $R \leq D < H > M > S \geq W$

(1) $R \leq H$

(2) $R > M$

(3) $R \leq S$

(4) $R < W$

(5) $D > M$

(6) $D < S$

(7) $D \leq W$

(8) $H < S$

(9) $H > W$

(10) $M < W$

St. $K \geq V > D$, $M > D$, $M > R \geq H$

Conc–

$K \geq V > D < M > R \geq H$

(1) $K \geq D$

(2) $K \geq M$

(3) $K > R$

(4) $K > H$

(5) $V \geq M$

(6) $V < R$

(7) $V \geq H$

(8) $R > D$

(9) $H < D$

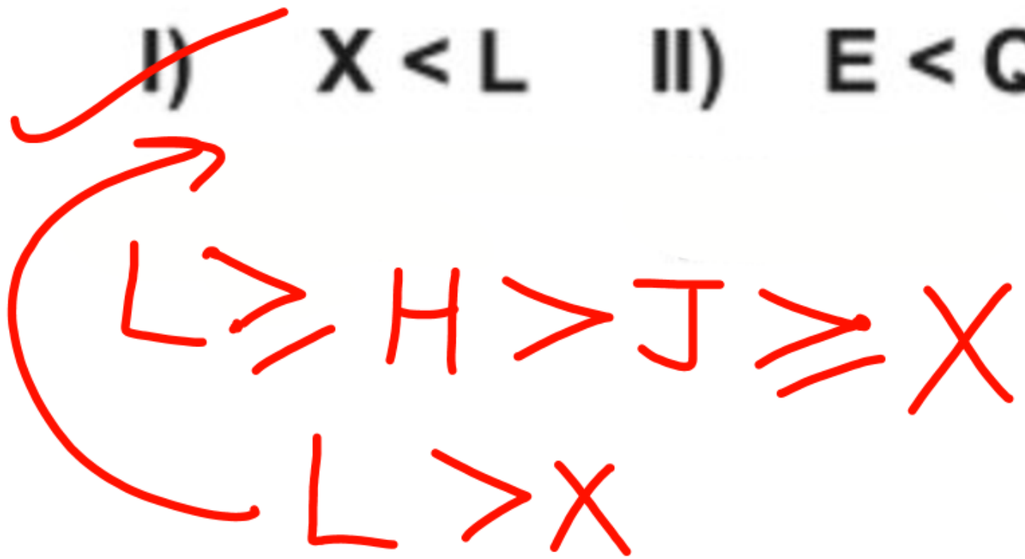
(10) $H < M$ ✓

1) **Statements:**

L ≥ H ≤ D > Q; E ≥ H > J ≥ X

Conclusion:

I) X < L II) E < Q



Statements:

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

Conclusion: $C > A \leqslant U > Y$

I) $C < Y$ II) $W < Q$ ✗

RG State Exam

Statements:

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

Conclusion:

I) $F \leq M$, II) $G < X$

$F \leq N < X \leq M$

$X > N \geq F = G$

$\therefore X > G$

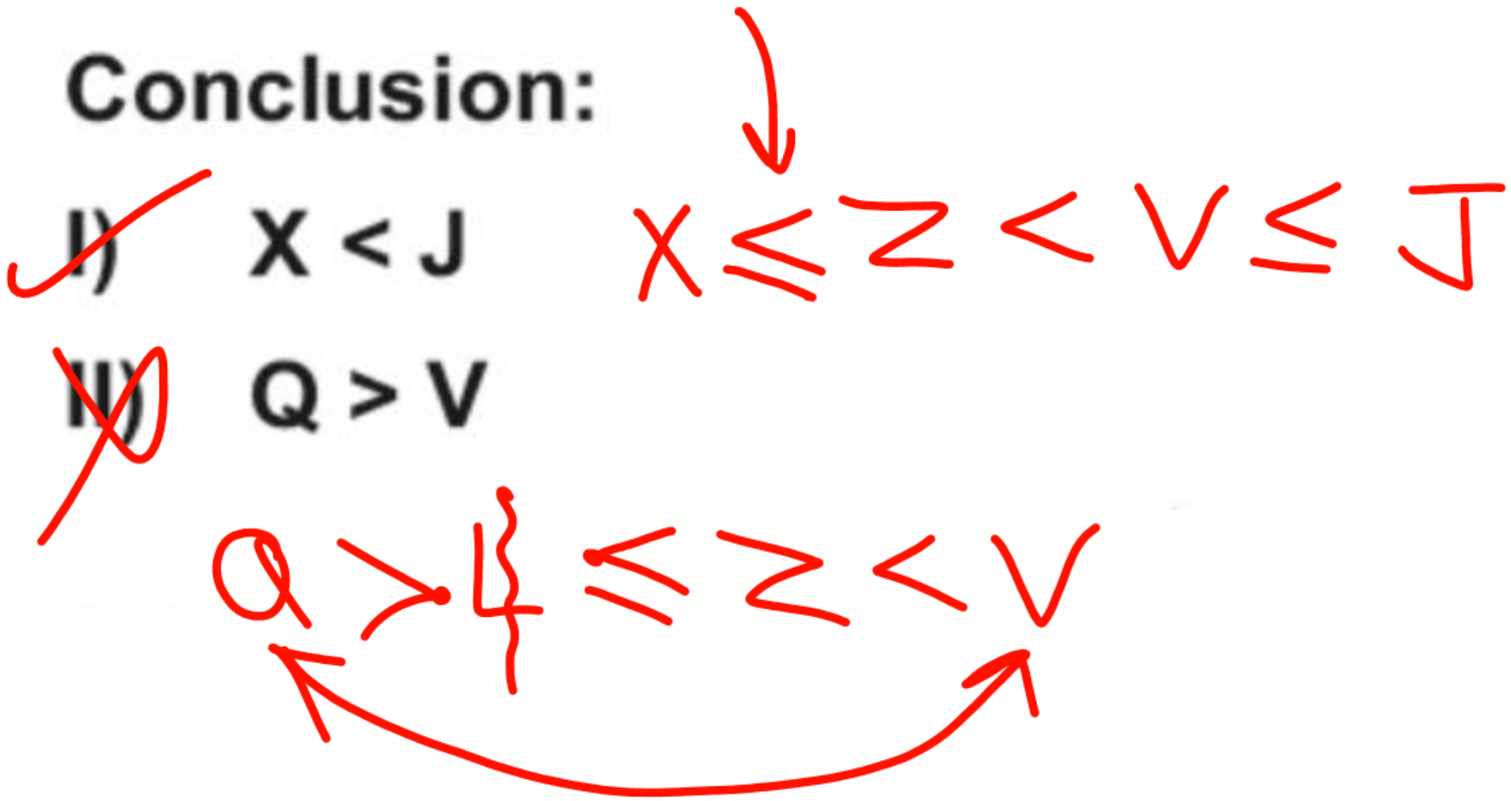
Statements:

Q > L ≤ Z ≥ X ≤ E; Z < V ≤ J

Conclusion:

I) X < J

II) Q > V



Statements:

P > L ≤ W ≥ X ≤ T; L < Q ≤ C

Conclusion:

I) C > X ✗

II) P < C ✗

C ≥ Q > L ≤ W ≥ X

P > L < Q ≤ C .

Statements:

F < B = M; W = G ≤ K; H < F = K; W > T = P;

Conclusion:

I) M > H

II) W < B

III) K ≥ P

M = B > F > H

B > F = K ≥ G, = W > T = P

a) Only II and III follows.

b) Only I follows

c) Only II follows

d) Only I and II follows

e) None follows

Statements:

R < Q ≥ M < H; M > T ⊗ S = F; Q = L < W ≥ B;

Conclusion:

I) R > W

II) H < F

III) L ≤ S

R < Q = L < W

L = Q ≥ M > T ⊗ S

a) Only II and III follows.

b) Only I follows

c) Only II follows

d) Only I and III follows

e) None follows

Statements:

D = F ≤ G < M, F < W = T; D > S ≤ K; G ≤ Z > H

Conclusion:

I) D ≤ 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

D = F < W = T

S < D = F ≤ G < M

M > G ≤ Z > H

Statements:

B ≥ Y < R = O > S; Z ≤ A < Y > T; C ≤ E = T < F

Conclusion:

I) O > Z

II) Y < C

III) S < A

IV) T < O

a) Only I & IV

b) Only II and III follow

c) Either I or IV follow

d) All I, II and IV follows

e) None follows

O = R > Y > A ≥ Z

Y > T = E ≥ C

S < O = R > Y > A

O = R > Y > T

Statements:

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

Conclusion:

$T \geq P \geq F = C \leq D$

I) $T > D$ ✗

II) $D \geq T$ ✗

Either ① or ②

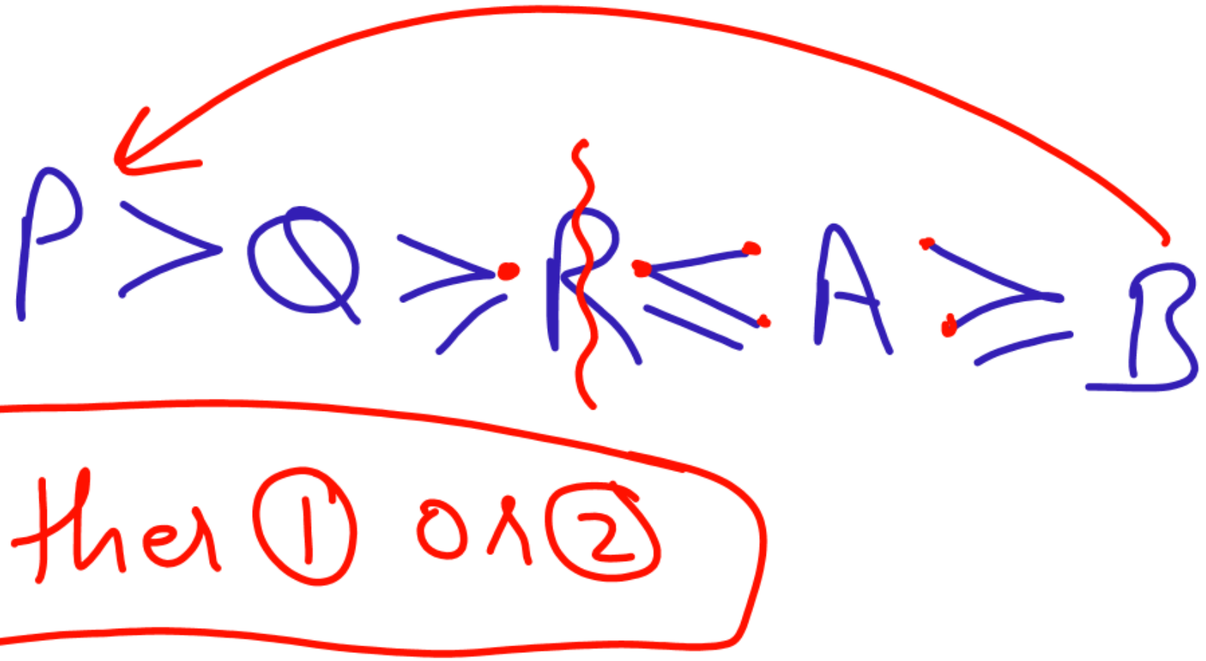
Statements:

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

Conclusion:

I) ✗ $B < P$

II) ✗ $P \leq B$



Statements:

T > A < B ≤ C, Q ≤ L ≤ A, G < L

Conclusion:

I) C > G

II) Q < T

$G < L \leq A < B \leq C$

$Q \leq L \leq A < T$

Statements:

P > Q, Q < M, M ≤ A

P > Q < M ≤ A

Conclusion:

I) A > Q ✓

II) P < M ✗

$\not\geqslant \Rightarrow \leqslant$

$\not\leqslant \Rightarrow \geqslant$

$\neq \Rightarrow <$

$\not< \Rightarrow >$

$\neq \Rightarrow > \text{ or } <$

Statements:

$W \not\geqslant B \pm S = C \neq L \neq E = R \pm K$

Conclusion:

I) $W \leq S$

II) $W > S$

$W < S$

$W < S$ ✓ or $W = S$ ✗

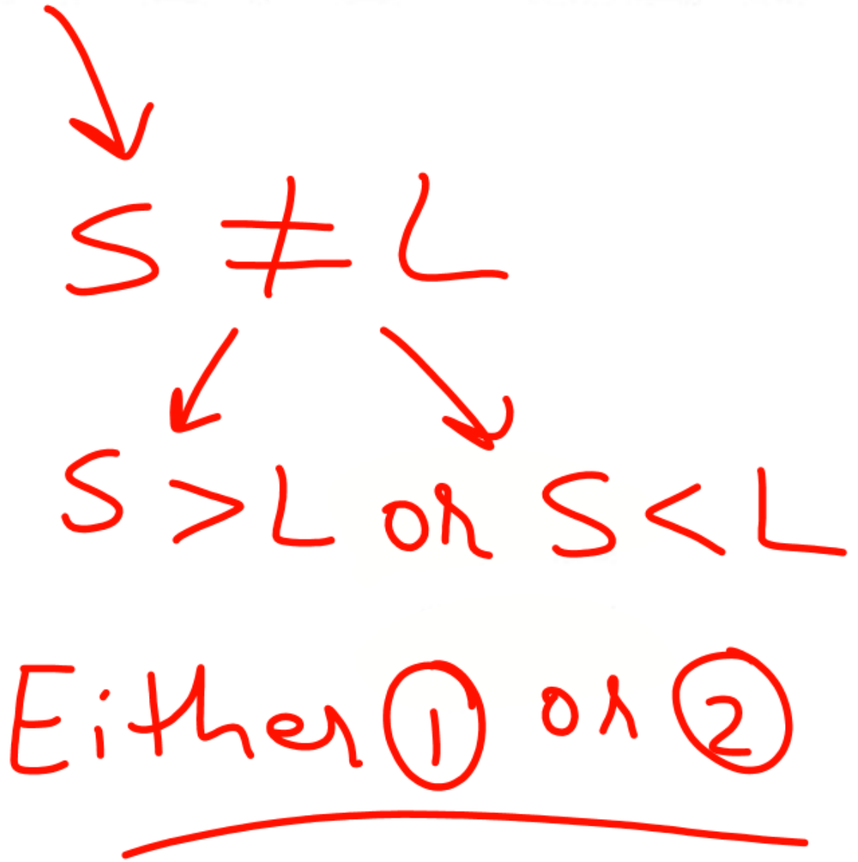
Statements:

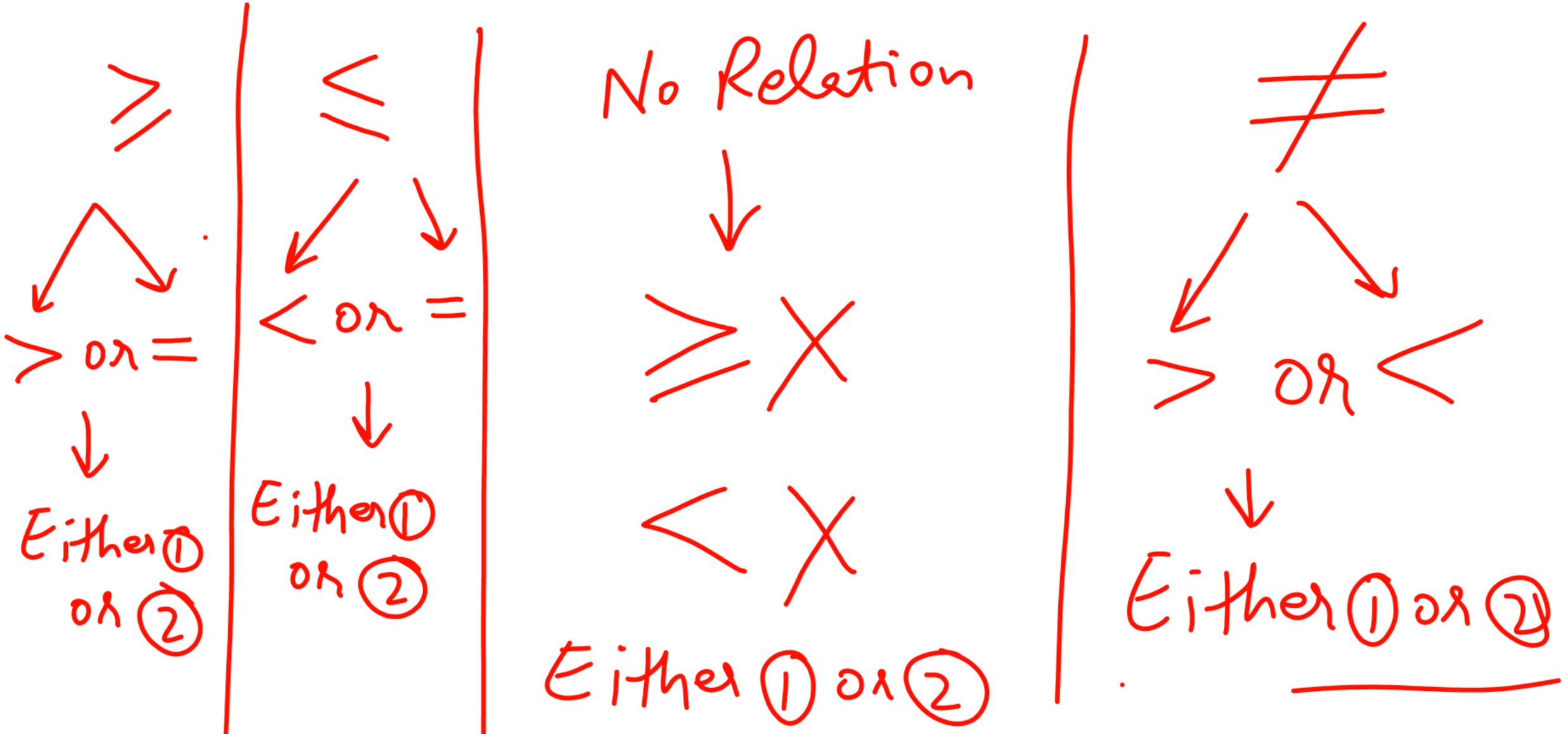
W ⊱ B ≚ S = C ≠ L ≠ E = R ≚ K

Conclusion:

I) S > L

II) C < L




≥
> or =
Either ① or ②
≤
< or =
Either ① or ②
No Relation
≧ X
< X
Either ① or ②
≠
> or <
Either ① or ②

St– $K \geq R, R \geq T, T \geq V$

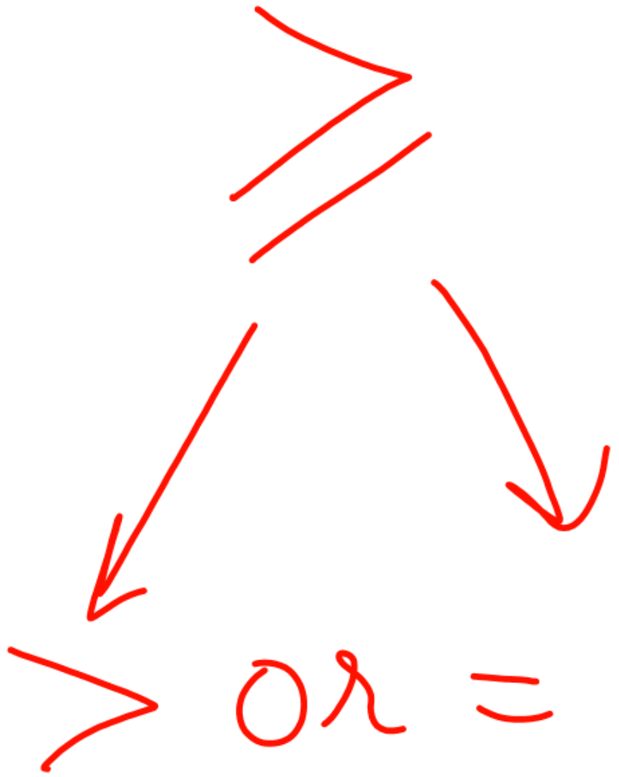
Conc– $K \geq R \geq T \geq V \Rightarrow K \geq V$

(1) $K > V$ ✗

(2) $K = V$ ✗

$K > V$ or $K = V$

Either ① or ②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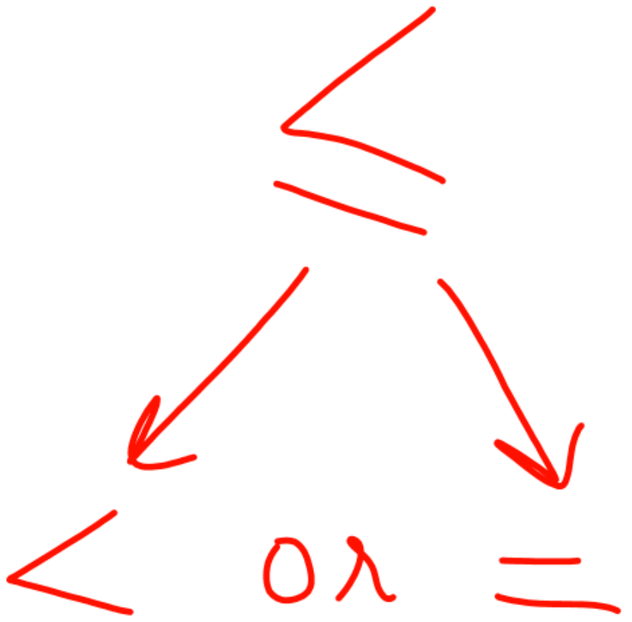
< or =

St– R ≤ T, V ≥ T, V ≤ K, H > K

Conc– $R \leq T \leq V \leq K < H$

$R \leq K$

$R < K$ or $R = K$

(1) R < K ✗

(2) R > V ✗

(3) R = K ✗

(4) R < H ✓

(5) T ≤ H ✗

4th follow

4

Either ① or ③

St– T ≥ V, M < V, M ≥ R, L ≤ R

Conc– $T \geq V > M \geq R \geq L$

(1) $T > M$ ✓

(2) $M > L$ ✗

(3) $V < L$ ✗

(4) $M = L$ ✗

(5) $T \geq L$ ✗

$M \geq L$

$M > L$ or $M = L$

1st follow

&

Either ② or ④

St– $R \leq H,\ V \geq H,\ V < D,\ L \geq D,\ B \geq L$

Conc– $R \leq H \leq V < D \leq L \leq B \rightarrow D \leq B$

(1) $R < V$ ✗

(2) $H < L$ ✓

(3) $D < B$ ✗

(4) $V \leq B$ ✗

(5) $D = B$ ✗

2nd follow & Either (3) or (5)

St– $K \geq R,\ D > R,\ D \leq M,\ H \geq M$

Conc–

(1) $K > D$

(2) $D > H$

(3) $D = H$

(4) $K < H$

(5) $D \geq H$

$K \geq R < D \leq M \leq H$

$\downarrow$

$D \leq H$

None follow

St → $A \geq B$, $B < C$.

$A \geq B < C$

Conc. →

① $A \geq C$ ✗

② $A < C$ ✗

Either ① or ②

St– K ≥ R < H, G < H, G ≥ V

Conc– $K \geq R < H > G \geq V$

(1) $K < H$ ✓

(2) $K \geq H$ ✓

(3) $R < G$ ✗

(4) $K > G$ ✗

(5) $R \geq V$ ✗

Either (1) or (2)

St → $R \geq H,\ M > V,\ H \geq V,\ M \leq D$

$R \geq H \geq V < M \leq D$

Conc →

1. $R > V$ ✗
2. $R \geq M$ ✗
3. $R < D$ ✗
4. $R < M$ ✗
5. $H < D$ ✗

Either ② or ④

St– M ≤ R, V > R, V ≤ H, D ≥ H

Conc– $M \leq R < V \leq H \leq D$

(1) $M < D$ ✓

(2) $R \leq D$ ✗

(3) $V < D$ ✗

(4) $R \leq H$ ✗

(5) $V = D$ ✗

$V \leq D$

$V < D$ or $V = D$

1st follow & Either (3) or (5)

St– K ≥ R, H ≤ R, D ≤ H, D > V

Conc– $K \geq R \geq H \geq D > V$

(1) K > D ✗

(2) K > V ✓

(3) R ≥ V ✗

(4) K = D ✗

(5) H < V ✗

$K \geq D$

2nd follow

∴ Either (1) or (4)

St → $R \geq H,\ M > D,\ H \geq D,\ M \leq V$

$R \geq H \geq D < M \leq V$

Conc →

1. $R \geq M$ ✗
2. $H < M$ ✗
3. $D < V$ ✓
4. $R \leq M$ ✗
5. $H \geq V$ ✗

3rd follow

&

Either ① or ④

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