Inequalities questions for IBPS Clerk Mains, IBPS Clerk Pre, IBPS PO Pre, IBPS RRB, IBPS SO Pre, IBPS Clerk, SBI Clerk Pre, SBI PO Pre and SBI Clerk Exams.

INEQUALITIES QUIZ 3

Directions: Study the following question carefully and choose the right answer:

1. Which of the following explanation is false, if the given expression is true?

E = F > G ≤ H = I

1) E > G 2) H ≥ G 3) H ≥ F 4) I ≥ G

A. Only 1 B. Only 2 C. Only 3 & 4

D. Only 3 E. None of these

2. L ≤ O > V = E ≥ S

Which of the following ones is correct?

1) L ≤ V 2) O = E 3) O > S 4) S ≥ L

A. Only 1 B. Only 2 C. Only 3

D. Only 3 & 4 E. None of these

3. B > E ≤ A = T ≥ S

Which of the following ones is correct?

1) B > S 2) E = T 3) E < T 4) E ≤ S

A. Only 1 B. Either 2 or 3 C. Only 2

D. Either 3 or 4 E. None of these

4. M = O < N = K ≤ S

Which of the following ones is correct?

1) M = S 2) O < S 3) N > S 4) O = K

A. Only 1 B. Only 2 C. Only 2 & 3

D. Either 3 or 4 E. None of these

5. C ≥ H = A > T > S

Which of the following ones is correct?

1) S < C 2) T = C 3) H < T 4) H ≤ S

A. Only 1 B. Only 2 C. Either 1 or 2

D. Only 4 E. None of these

6. S ≥ T = U > D ≤ Y

Which of the following ones is correct?

1) Y > U 2) S = D 3) S = U 4) S > U

A. Only 1 B. Only 2 C. Either 3 or 4

D. Only 4 E. None of these

7. G ≤ R > E = A ≤ T

Which of the following ones is correct?

1) R > T 2) R = A 3) G ≤ T 4) E ≤ T

A. Only 1 B. Only 2 C. Only 3 & 4

D. Only 4 E. None of these

8. S = T ≤ R < E = A > M

Which of the following ones is correct?

1) S > M. 2) A > S 3) A < T. 4) M > R

A. Only 1 B. Only 2 C. Only 2 & 4

D. Only 4 E. None of these

9. D > R ≥ E = A ≤ M

Which of the following ones is correct?

1) D > M 2) A < D 3) E = D 4) M < R

A. Only 1 B. Only 2 C. Only 2 & 3

D. Either 1 or 4 E. None of these

10. Which of the following expressions will be true, if the expression R > O = A > S < T is definitely true?

A. O > T

B. S < R

C. T > A

D. S = O

E. T < R

Correct answers:

1	2	3	4	5	6	7	8	9	10
D	C	B	B	A	C	D	B	B	B

Explanations:

1.

E = F > G ≤ H = I

We can't compare H and F because between H & F opposite symbol used. We know that the inequalities does not works between opposite symbol.

2.

L ≤ O > V = E ≥ S

We can compare O and S. which shows that the option 3rd is correct because the common symbol between O and S is '>'.

3.

B > E ≤ A = T ≥ S

We can compare E and T but either 2 or 3 equation is correct.

4.

M = O < N = K ≤ S

We can compare O & S. which shows that the option 2 is correct because the common symbol between O & S is '<'.

5.

C ≥ H = A > T > S

We can compare S & C. which shows that the option first one is correct because the common symbol between S & C is '<'.

6.

S ≥ T = U > D ≤ Y

We can compare S & U but either 3 or 4 equation is correct.

7.

G ≤ R > E = A ≤ T

We can compare E & T. which shows that the option D is correct because the common sumbol between E & T is '<'.

8.

S = T ≤ R < E = A > M

We can compare A & S which shows that the option 2 is correct because the symbol between A & S is '>'.

9.

$D > R \geq E = A \leq M$

We can compare A & D which shows that the option 2 is correct because the common symbol between D & A is '<'.

10.

1st option: $O > T$

We can observe from the equation that the inequality signs between O & T are opposite and hence we can't find a definite relationship between these two.

2nd option: $S < R$

We can observe from the expression that between S & R (moving from S toward R) the common sign of inequality is '<'. Therefore the relationship $S < R$ is true.

We now need not check other options further.