

Inequalities Questions for SBI Clerk Mains, IBPS Clerk Mains, SBI PO Pre and IBPS PO Pre Exams.

Inequalities Quiz 28

Directions: In the following questions, symbols @,%,\$,* and # are used with the following meaning as illustrated below.

A @ B means 'A is not less than B'

A \$ B means 'A is not more than B'

A # B means 'A is neither less nor more than B'

A * B means 'A is neither more than nor equal to B'

A % B means 'A is neither less than nor equal to B'

1. Statements: V@I#E*D; N\$E%B#F Conclusions: I.D%F II. V@B

A. Only conclusion I follows

C. Both conclusion I and conclusion II follows

E. Neither conclusion I nor conclusion II follows

B. Only conclusion II follows

D. Either conclusion I or conclusion II follows

2. Statements: R#M\$X*T%W@B The Question Bank

Conclusions: I.M*W II. T@M

A. Only conclusion I follows

C. Both conclusion I and conclusion II follows

E. Neither conclusion I nor conclusion II follows

B. Only conclusion II follows

D. Either conclusion I or conclusion II follows

3. Statements: F*D\$E#R*S@V%K

Conclusions: I.D*R II. D#R

A. Only conclusion I follows

C. Both conclusion I and conclusion II follows

E. Neither conclusion I nor conclusion II follows

B. Only conclusion II follows

D. Either conclusion I or conclusion II follows

4. Statements: M@A#S%R; C\$R#E

Conclusions: I.S%C II. M%E

A. Only conclusion I follows

C. Both conclusion I and conclusion II follows

E. Neither conclusion I nor conclusion II follows

B. Only conclusion II follows

D. Either conclusion I or conclusion II follows

5. Statements: V@I#E*D; N\$E%B#F

Conclusions: I. V%F II. V@N

A. Only conclusion I follows

C. Both conclusion I and conclusion II follows

E. Neither conclusion I nor conclusion II follows

B. Only conclusion II follows

D. Either conclusion I or conclusion II follows

Correct Answers:

1	2	3	4	5
Α	E	D	С	С





Explanations:

1. Interpretation of the coded symbols:

A @ B means 'A is not less than B' i.e. $A \ge B$

A \$ B means 'A is not more than B' i.e. $A \le B$

A # B means 'A is neither less nor more than B' i.e. A = B

A * B means 'A is neither more than nor equal to B' i.e. A < B

A % B means 'A is neither less than nor equal to B' i.e. A > B

We will decode the given statements as per the above interpreted signs.

Statements: $V \ge I = E < D$; $N \le E > B = F$

Conclusions: I. D > F II. $V \ge B$

For conclusion I:

From both the statements we get: Smartkeeda

F = B < E < D

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The common sign between F and D is '<', thus F < D or D > F is true.

Hence conclusion I follows.

For conclusion II:

From both the statements we get:

 $V \ge I = E > B$

The common sign between V and B is '>', thus V > B is the actual relationship.

Hence conclusion II does not follow.

Therefore only conclusion I follows.

Hence option A is correct.

2. Interpretation of the coded symbols:

A @ B means 'A is not less than B' i.e. $A \ge B$

A \$ B means 'A is not more than B' i.e. $A \le B$

A # B means 'A is neither less nor more than B' i.e. A = B

A * B means 'A is neither more than nor equal to B' i.e. A < B

A % B means 'A is neither less than nor equal to B' i.e. A > B

We will decode the given statements as per the above interpreted signs.

Statements: $R = M \le X < T > W \ge B$ Conclusions: I. M < W II. $T \ge M$

For conclusion I:

We can clearly see the opposite sign persisting between M and W , thus no relationship between them can be established.

Hence conclusion I does not follow.

For conclusion II:

The common sign between M and T is '<', thus M < T or T > M is the actual relationship.

Hence conclusion II does not follow.

Therefore neither conclusion I nor II follows.

Hence option E is correct.

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3. Interpretation of the coded symbols:

A @ B means 'A is not less than B' i.e. $A \ge B$

A \dot{S} B means 'A is not more than B' i.e. A \leq B

A # B means 'A is neither less nor more than B' i.e. A = B

A * B means 'A is neither more than nor equal to B' i.e. A < B

A % B means 'A is neither less than nor equal to B' i.e. A > B

We will decode the given statements as per the above interpreted signs.

Statements: $F < D \le E = R < S \ge V > K$

Conclusions: I. D < R II. D = R

For conclusion I:

 $D \le E = R$

The common sign between D and R is ' \leq ', thus D \leq R is the actual relationship.

So either D < R or D = R is true.

Therefore either conclusion I or II follows.

Hence option D is correct.

4. Interpretation of the coded symbols:

A @ B means 'A is not less than B' i.e. $A \ge B$

A \$ B means 'A is not more than B' i.e. $A \le B$

A # B means 'A is neither less nor more than B' i.e. A = B

A * B means 'A is neither more than nor equal to B' i.e. A < B

A % B means 'A is neither less than nor equal to B' i.e. A > B

We will decode the given statements as per the above interpreted signs.

Statements: $M \ge A = S > R$; $C \le R = E$

Conclusions: I. S > C II. M > E

For conclusion I:

From both the statements we get:

 $C \le R < S$

The common sign between C and S is '<', thus C < S or S > C is true.

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Hence conclusion I follows.

For conclusion II:

From both the statements we get:

 $M \ge A = S > R = E$

The common sign between M and E is '>', thus M > E is the actual relationship.

Hence conclusion II follows.

Therefore both conclusions I and II follow.

Hence option C is correct.



5. Interpretation of the coded symbols:

A @ B means 'A is not less than B' i.e. $A \ge B$

A \$ B means 'A is not more than B' i.e. $A \le B$

A # B means 'A is neither less nor more than B' i.e. A = B

A * B means 'A is neither more than nor equal to B' i.e. A < B

A % B means 'A is neither less than nor equal to B' i.e. A > B

We will decode the given statements as per the above interpreted signs.

Statements: $V \ge I = E < D$; $N \le E > B = F$

Conclusions: I. V > F II. $V \ge N$

For conclusion I:

From both the statements we get:

V ≥ I = E > B = F

The common sign between V and F is '>', thus V > F is true.

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Hence conclusion I follows.

For conclusion II:

From both the statements we get:

 $V \ge I = E \ge N$

The common sign between V and N is \geq , thus V \geq N is the actual relationship.

Hence conclusion II follows.

Therefore both conclusions follow.

Hence option C is correct.





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