

Mathematical Inequality Questions Overview

Mathematical Inequality Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Mathematical Inequality Questions.

Mathematical Inequality Questions

Direction: In the given statement, the relationship between different elements is shown and it is followed by three conclusions. Choose the correct answer on the basis of the information given below.

Question

Statement: $O = Q > E > T H J > S = A > X$ Conclusion: I. $O > T$ II. $E > H$ III. $S > X$

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Both conclusions II and III follow.
2. Only conclusion I follows.
3. Only conclusion III follows.
4. Only conclusion II follows.
5. Both conclusions I and II follow.

Solution

The correct answer is **option 2** i.e. **Only conclusion I follows**

Statement: $O = Q > E > T H J > S = A > X$

Conclusion:

- I. $O > T$: **True** ($O = Q > E > T$ $O > T$)
II. $E > H$: **False** ($E > T H$; opposite signs between the elements.)
III. $S > X$: **False** ($S = A > X$; opposite signs between the elements.)

Hence, the correct answer is **Only conclusion I follows.**

