

# 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.

## Question

In the given question, the statement is followed by two conclusions. Which of the two conclusions is/are true? Statement:  $Z = E$   $R > G$   $Y > Q = F$  Conclusions: I.  $R < F$  II.  $R < Z$

Difficulty : Moderate

Average Time : 35 Seconds

Options :

1. Both conclusions I and II are true
2. Only conclusion II is true
3. Only conclusion I is true
4. Neither conclusion I nor II is true

## Solution

The correct answer is **Option 4** i.e. **Neither conclusion I nor II is true.**

**Statement:**  $Z = E$   $R > G$   $Y > Q = F$

**Conclusions:**

I.  $R < F$ : **False** ( $R > G$   $Y > Q = F$  Opposite signs are present, so, there is no relation between R and F.)

II.  $R < Z$ : **False** ( $R = E = Z$  implies  $R = Z$  and not  $R < Z$ .)

Hence, the correct answer is **Neither conclusion I nor II is true.**