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 following questions, the symbols @, &, %, $ and # are used with the following meaning as illustrated below: 'P @ Q' means 'P is not smaller than Q' 'P &Q' means 'P is neither greater than nor equal to Q' 'P# Q' means 'P is neither greater than nor smaller than Q' 'P $ Q' means 'P is not greater than Q' 'P % Q' means 'P is neither smaller than nor equal to Q'. Now in each of the following questions assuming the given statements to be true, find which of the given conclusions follow and give answer accordingly.

Question

Statements: S % U % V # R, Q $ A % B $ V Conclusion: I. B & S   II. R & S

Difficulty : Moderate   **Average Time : 67 Seconds**

Options :
1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or II follows
4. Neither conclusion I nor II follows
5. Both conclusions I and II follow

Solution

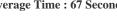The correct answer is **Option 5** i.e. **Both conclusions I and II follow**

Statement:

S % U % V # R, Q $ A % B $ V

S > U > V = R, Q A > B V

Conclusions:

I. B & S – B S – **True** (S > U > V B)

II. R & S – R S – **True** (S > U > V = R)

Hence the correct answer is **Both conclusions I and II follow.**