Quadratic Equation Questions Overview

Quadratic Equation 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 Quadratic Equation Questions.

Quadratic Equation Questions

Directions: In the following questions, two values (A and B) are given. You have to choose the apt relationship between A and B. Use you mathematical knowledge to evaluate the value of A and B.

Question

A: A year is chosen from (2000 - 2100) including 2000 and 2100. Find the probability that chosen year is a leap year. B: 1/4

Difficulty : Moderate   **Average Time : 41 Seconds**

Options :

1. A B

2. A B

3. A = B or no relationship.

4. A > B

5. A B

Solution

The correct answer is **option 5** i.e. **A B**

A: Total years in sample space = 101 (2001 - 2100 and 2000)

For a year to be leap, it should be divisible by 4 for normal years and should be divisible by 400 in case of century.

Leap years = 25 (2000, 2004, 2008 .... 2096)

2100 is not a leap year (not divisible by 400)

Probability = 25/101

B: 1/4

B > A