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 - Speed of car in km/hr. Car can travel 270 m in 12 seconds B - Profit in rupees. On a product marked at Rs 1000, discount of 12% is given, such that it is sold at 10% profit.

Difficulty : Moderate   **Average Time : 46 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 4** i.e. **A > B**

A: Distance = 270 m

Time = 12 seconds

Speed = Distance/time = 270/12 = 22.5 m/s

Speed in km/hr = 22.5 × (18/5) = 81 km/hr

B: Marked price = Rs 1000

Discount = 12%

Selling price = (100 - 12) % of 1000 = Rs 880

Profit per cent = 10%

(100 + 10) % of CP = 880

CP = Rs 800

Profit = Rs 880 - Rs 800 = 80

A > B