

# 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.

## Question

What will come in place of (x) in the following question?

Difficulty : Moderate

Average Time : 28 Seconds

Options :

1. 144
2. 169
3. 81
4. 64
5. 121



## Solution

The correct answer is **Option 1** i.e. **144**

$$2197 + 2744 + x + 18 = 57$$

$$(13 \times 13 \times 13) + (14 \times 14 \times 14) + x = 57 - 18$$

$$13 + 14 + x = 39$$

$$x = 39 - 27$$

$$x = 12$$

$$x = 144$$