

Ratios And Proportion Questions Overview

Ratios And Proportion 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 Ratios And Proportion Questions.

Question

When 20% of the number is added to another number the number increases by 50%.what is the respective ratio between the first and second number?

Difficulty : Moderate

Average Time : 32 Seconds

Options :

1. 5 : 2
2. 1 : 2
3. 3 : 2
4. 7 : 8
5. 5 : 4



Solution

The correct answer is **Option 1** i.e. **5 : 2**

Concept	Application
Ratio	Let the two numbers be x and y Then, y + 20 % of X = 150 % of y $y + (20 \div 100) x = (150 \div 100) \times y$ $y + (x \div 5) = (3 \div 2) y$ $y \div 2 = x \div 5$ $x \div y = 5 \div 2$ $x : y = 5 : 2$