

Comparison Of Quantities Questions Overview

Comparison Of Quantities 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 Comparison Of Quantities Questions.

Question

Satish saves 20% of his monthly salary. And of the remaining salary $\frac{1}{4}$ th and $\frac{1}{2}$ th he gives to his mother and sister respectively and the remaining salary he submits as his EMI for the payment of his car. If his annual EMI was Rs. 60,000, then find his monthly salary?

Difficulty : Moderate

Average Time : 39 Seconds

Options :

1. Rs. 40,000
2. Rs. 35,000
3. Rs. 32,000
4. Rs. 30,000
5. Rs. 25,000

Solution

The correct answer is **option 5** i.e. **25,000**

Let the monthly salary be Rs. $100x$.

EMI per month

$$= 100x - (20 + 80x + 80 \times \frac{1}{2}) = \text{Rs. } 20x$$

ATQ,

$$20x \times 12 = 60,000$$

$$x = 250 \text{ Monthly Salary} = \text{Rs. } 25,000$$