

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

A train of some length passes the platform of length 524 m in 55 seconds. Find the length of train if the speed of train is 72 km/hr.

Difficulty : Moderate

Average Time : 32 Seconds

Options :

1. 476 m
2. None of these
3. 428 m
4. 526 m
5. 576 m

Solution

The correct answer is **option 5** i.e. **576 m**

Speed of train in m/s. = $72 \times (5/18) = 20$ m/s

Let length of train be x m

ATQ,

$$(524+x)/55 = 20$$

$$x = 1100 - 524 = 576 \text{ m}$$