

Time Speed And Distance Questions Overview

Time Speed And Distance 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 Time Speed And Distance Questions.

Question

A can beat B by 200 m in a race of 2km. B can beat C by 100 m in a race of 2.5 km. By how many meters can A beat C in a race of 1 km?

Difficulty : Moderate

Average Time : 36 Seconds

Options :

1. 250 m
2. 185 m
3. 146 m
4. 136 m
5. 158 m

Solution

The correct answer is **Option 4** i.e. **136 m**

Concept	Application
If A runs p km and B runs q km in same time, the ratio of their speed = p : q	Ratio of speed of A and B = 2000:1800 = 10:9 Ratio of speed of B and c = 2500:2400 = 25:24 Ratio of speed of A, B, and C is = 250:225:216 Since in a race of 250m, A beat C by (250-216) = 34m Therefore, in a race of 1000m, A beat C by 136m.

