

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.

Comparison Of Quantities Questions

Directions: Solve the given quadratic equations and mark the correct option based on your answer—

Question

If A start from P with speed 60 km/hr at 8:00 am and B starts with speed 70 km/hr. at 8 : 30 am from Q and total distance between P and Q is 680 km, find at what time they will cross each other?

Difficulty : Moderate

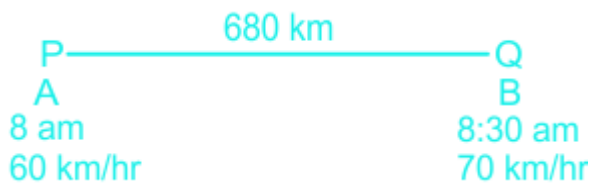
Average Time : 43 Seconds

Options :

1. 2 : 30pm
2. 1 : 30pm
3. 12 : 30pm
4. 3 : 00pm
5. 4 : 00pm

Solution

The correct answer is **option 2** i.e. **1 : 30pm**



Dist travelled by A in $\frac{1}{2}$ hr = 30 km

Remaining distance to be covered = $680 - 30$

= 650 km

Relative speed = $60 + 70 = 130$

time taken = $650/130 = 5$ hr

time = $8 : 30 + 5$ hr = $1 : 30$ pm

