

Number Series Questions Overview

Number Series 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 Number Series Questions.

Question

A boat goes downstream and covers 84 km distance in 12 hours and when it goes upstream, cover half of the downstream distance at the same time. Find the speed of the current.

Difficulty : Moderate

Average Time : 33 Seconds

Options :

1. $7/4$ km/hour
2. $4/7$ km/hour
3. $21/4$ km/hour
4. $4/21$ km/hour
5. $84/12$ km/hour



Solution

The correct answer is **option 1** i.e. $7/4$ km/hour

Understanding	Application
Let the speed of boat = X km/hour the speed of current = Y km/hour	$X + Y = 84/12$(i) $X - Y = 42/12$(ii)

Now	Adding both equation $2X = 126/12$ $X = 126/12 \times 2$ $X = 21/4$
Hence	$Y = 7/4 \text{ km/hour}$

