

APTITUDE TEST--FED05 (BOAT)

1. Enter Your Name:

karthick kumar A

2. Enter Your Batch & Branch Name:

FED-05 & PCM

3. A boat takes 2 hrs more to travel 45km upstream than to travel the same distance in downstream. If the ratio of the stream speed and boat speed is 1:4, then find the speed of the stream.

5.5km/hr

4. What is the downstream speed of a boat when the speed of the boat in still water is 10 m/s and the speed of the river is 20% of the boat speed?

12m/s

5. A boat travels at a speed of 10 km/hr in still water. The speed of the stream is 4 km/hr. How much time will the boat take to travel 30 km in upstream.

5hr

6. A boat travels a distance of 78 km in downstream and it travels a distance of 56 km in upstream. If the speed of the boat in still water 20 km/ hr and the stream speed is 6 km/hr. Find the time taken by the boat to travel the total distance.

67km

7. The speed of the boat in still water is 20 km/hr and the speed of the stream is 2 km/hr. In how many hours would the boat cover a distance of 198 km in downstream?

9hr

8. Ajay can row a certain distance downstream in 24 hrs and can come back covering the same distance in 36 hrs. If the stream flows at a rate of 12km/hr, find the speed of Ajay in still water.

30km/hr

9. A man can swim a distance of 360 m in 4 minutes in still water. If the speed of the current is 1 m/s, how much time will he take to cover the distance of 150 m in upstream?

5min

10. The speed of the motor boat in still water is 60 km/hr. If the motor travels 75 km against the stream in 1 hr 30 mins, then the time taken by the boat to cover 140 km along the stream is ??

2hr 30min

11. A rowing team rows a boat and cover the distance of 15 km in 5 hrs while going upstream. When they go down stream, they cover a distance of 24 km in 4 hrs. Find the speed of the boat in still water?

4.5km/hr

12. The speed of a boat in still water is 30 km/hr and the rate of the current is 6 km/hr. The distance (in km) travelled upstream in 5 minutes is ?

2km

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