

BOAT AND STREAM MCQ

Q 1. If a boat travels with a speed of 10 km/hr in still water and the speed of stream is 5 km/hr, what would be the time taken by boat to go 60 km downstream?

- a. 2 hrs
- b. 4 hrs
- c. 6 hrs
- d. 8 hrs

Correct answer :(b)

Q 2. A man rows a boat at 8 km upstream in 2 hours and 2 km downstream in 40 minutes. How long will he take to reach 7 km in still water?

- a. 2 hrs
- b. 4 hrs 15 min
- c. 6 hrs
- d. 7 hrs 40 min

Correct answer: (a)

Q 3. The speed of swimmer along with the flow of river is 40 km/hr and against the flow of river is 22 km/hr. What would be the speed of swimmer in still water?

- a. 11 km/hr
- b. 31 km/hr
- c. 55 km/hr
- d. 62 km/hr

Correct answer: (b)

Q 4. For a motorboat that covers a certain distance downstream in 2 hours & returns in 3 hours, what would be its speed in still water if the speed of stream is 6 km/hr?

- a. 9 km/hr
- b. 15 km/hr
- c. 30 km/hr
- d. 36 km/hr

Correct answer: (c)

Q 5. If the speed of boat in still water is 10 km/hr & the speed of stream is 3 km/hr, the boat rows to a place which is 50 km far & returns through the same path. What would be the average speed of boat during the journey?

- a. 2 km/hr
- b. 4.5 km/hr
- c. 9.1 km/hr
- d. 15 km/hr

Correct answer : (c)

Q 6. There is a road besides a river. Two friends Ram & Shyam started their journey from place P, moved to the garden located at another place Q & then returned to place P. Ram moves by swimming at a speed of 15 km/hr while Shyam sails on a boat at a speed of about 12 km/hr. If the flow of water current is at the speed of 6 km/hr, what will be the average speed of boat sailor?

- a. 6 km/hr
- b. 9 km/hr
- c. 12 km/hr
- d. 18 km/hr

Correct answer: (b)

Q 7. Consider a boat which moves at the speed of 6 km/hr. If the water runs at the speed of

about 4 km/hr, then the boat requires 3 hours to reach a certain place and return. Calculate the distance between that place & boat's initial position.

- a. 5 km
- b. 10 km
- c. 16 km
- d. 36 km

Correct answer:(a)

Q 8. Suppose that a person rows a boat in still water at the speed of 10 km/hr and the water runs at the speed of 4 km/hr. This person travels a certain distance & then returns. If it takes 4 hrs more for him to travel upstream than that of downstream then what will be the distance?

- a. 16 km
- b. 30 km
- c. 42 km
- d. 70 km

Correct answer:(c)