Answer Key

1. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is ____.
   A) 8.5 km/hr
   B) 9 km/hr
   C) 10 km/hr
   D) 12.5 km/hr
   Ans: C) 10 km/hr

2. A boat goes 11 km/hr along the stream and 5 km/hr against the stream. The speed of the boat in still water (in km/hr) is ____.
   A) 3 km/hr
   B) 5 km/hr
   C) 8 km/hr
   D) 9 km/hr
   Ans: C) 8 km/hr

3. A boat can travel at a speed of 10 km/hr in still water. If the speed of the stream is 2 km/hr, find the time taken by the boat to go 72 km downstream.
   A) 4 hours
   B) 7 hours
   C) 5 hours
   D) 6 hours
   Ans: D) 6 hours

4. A boatman can row a boat upstream at 14 km/hr and downstream at 20 km/hr. Find the speed of the boat in still water(km/hr) and the speed of the stream(km/hr).
   A) 3,17
   B) 16,3
   C) 34,6
   D) 17,3
   Ans: D) 17,3

5. The man goes upstream from A to B at the speed of 21 km/hr and comes back from B to A at the speed of 28 km/hr. Find the average speed of his entire journey.
   A) 48 km/hr
   B) 36 km/hr
   C) 24 km/hr
   D) 28 km/hr
   Ans: C) 24 km/hr

6. Raj can row 12 km/hr in still water. It takes him twice as long to row down the river. Find the rate of the stream (km/hr).
   A) 3 km/hr
   B) 4 km/hr
   C) 5 km/hr
   D) 6 km/hr
   Ans: B) 4 km/hr

7. A boat can travel at a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream.
   A) 2 hours
   B) 3 hours
   C) 4 hours
   D) 5 hours
   Ans: C) 4 hours

8. A boat can row 8 km upstream and 12 km downstream in 7 hours. He can also row 9 km upstream and 18 km downstream in 9 hrs. Find the speed of the boat in still water.
   A) 5 km/hr
   B) 4 km/hr
   C) 3 km/hr
   D) 8 km/hr
   Ans: C) 3 km/hr

9. In a fixed time, a boy swims double the distance along the current that he swims against the current. If the speed of the current is 3 km/hr, the speed of the boy in still water is ____.
   A) 6 km/hr
   B) 9 km/hr
   C) 10 km/hr
   D) 12 km/hr
   Ans: B) 9 km/hr

10. In a fixed time, a boy swims double the distance along the current that he swims against the current. If the speed of the current is 3 km/hr, the speed of the boy in still water is ____.
    A) 6 km/hr
    B) 9 km/hr
    C) 10 km/hr
    D) 12 km/hr
    Ans: D) 12 km/hr