

TIME, SPEED & DISTANCE [PRACTICE QUESTIONS]

Q1. Raman can cover a distance of 30 km in 3 hours in his bicycle, calculate the speed of Raman.

- A. 10 km/hr B. 20 km/hr C. 30 km/hr D. 40 km/hr

Q2. A train crosses a pole in 15 seconds. If the length of the train is 300 meters, find the speed of the train.

- A. 12 m/sec B. 24 m/sec C. 20 m/sec D. 23 m/sec

Q3. Two trains of length 120 meters and 80 meters are running on parallel lines in opposite directions with the speed of 35 km/hr and 55 km/hr respectively. In what time will they pass each other?

- A. 8 sec B. 9 sec C. 10 sec D. 11 sec

Q4. Walking at $\frac{3}{4}$ of his normal speed, Ankur is 16 minutes late in reaching his office. The usual time taken by him to cover the distance between his home and his office is?

- A. 49 minutes B. 48 minutes C. 50 minutes D. 52 minutes

Q5. Rajdhani Express travels 650 km in 5 hours and another 940 km in 10 hours. What is the average speed of the train?

- A. 100 km/h B. 102 km/h C. 106 km/h D. 108 km/h

Q6. Narayan Murthy walking at a speed of 20 km/hour reaches his college 10 minutes late. Next time he increases his speed by 5 km/hours but finds that he is still late by 4 minutes. What is the distance of his college from his house?

- A. 10 km B. 12 km C. 14 km D. 16 km

Q7. Two trains A and B start simultaneously in the opposite direction from two points A and B and arrive at their destinations 9 and 4 hours respectively after they meet each other. At what rate does the second train B travel if the first travels at 80 km per hour?

- A. 120 km/hr B. 140 km/hr C. 130 km/hr D. 160 km/hr

Q8. A boat sails down the river for 10 km and then up the river for 6 km. The speed of the river flow is 1 km/hour. What should be the minimum speed of the boat for the trip to take a maximum of 4 hours?

A. 6 km/hr B. 4 km/hr C. 5 km/hr D. 7 km/hr

Q9. The speed of the boat in still water is 12 km/hour and the speed of the stream is 2 km/hour. A distance of 8 km, going upstream is covered in?

A. 48 min B. 50 min C. 52 min D. 54 min

ANSWER KEY

1	2	3	4	5	6	7	8	9
A	C	A	B	C	A	A	B	A