

Class _____

Marks : _____

Subject _____

Time : _____

Name: _____

Roll No. : _____

Division : _____

Question 1

Ravi's school is 4 km away from his home. Walking at a constant speed, Ravi can reach his school in 35 minutes. How long will it take Ravi, if he walks at the same speed, to cover a distance of 12 km?

- A. 1 hr 35 min
- B. 1 hr 45 min
- C. 1 hr
- D. 1 hr 5 min

Question 2

Boat **A** covers 30 km in 3 hours and boat **B** covers 43 km in the same time. Which boat covers more distance and how much more distance does it cover?

- A. Boat B, 13 km
- B. Boat B, 43 km
- C. Boat A, 13 km
- D. Boat A, 43 km

Question 3

Two persons A and B start from the same place at the same time. A reached the destination 10 minutes before B. If the distance covered by each person is 45 kilometres and the time taken by A is 20 minutes, what is the speed of B?

- A. 90 kilometres per hour
- B. 135 kilometres per hour
- C. 45 kilometres per hour
- D. 80 kilometres per hour

Question 4

An athlete runs at a speed of 2 metres per second. How much distance does he cover in 12 seconds?

- A. 6 metres
- B. 12 metres
- C. 14 metres
- D. 24 metres

Question 5

A person rows his canoe at a speed of 120 metres per minute. How long does he take to travel 100 metres?

- A. 50 seconds
- B. 40 seconds
- C. 30 seconds
- D. 20 seconds

Question 6

Deepa drives her car from her house to her office. She drives for 30 minutes and travels 30 kilometres at constant speed. What is her speed?

- A. 30 kilometres per hour
- B. 60 kilometres per hour
- C. 90 kilometres per hour

Question 7

A truck travel a distance of 1500 metres in 2 hours and 30 minutes. What is the average speed of the truck?

- A. 10 metres per minute
- B. 15 metres per minute
- C. 20 metres per minute
- D. 25 metres per minute

Question 8

A train travels 400 kilometres in 4 hours. What is the speed of the train?

- A. 160 kilometres per hour
- B. 100 kilometres per hour
- C. 40 kilometres per hour
- D. 80 kilometres per hour

Question 9

A car travels 720 kilometres in 6 hours. What is the speed of the train?

- A. 120 kilometres per hour
- B. 726 kilometres per hour
- C. 714 kilometres per hour
- D. 720 kilometres per hour

Question 10

How long does it take to travel 150 kilometres at 60 kilometres per hour?

- A. 2 hours
- B. 2 hours and 30 minutes
- C. 3 hours
- D. 4 hours and 20 minutes

Question 11

Aarti is riding a bicycle. She covers 2 kilometres in 20 minutes. What is her speed?

- A. 2 kilometres per hour
- B. 4 kilometres per hour
- C. 6 kilometres per hour

Question 12

A bus travels at the speed of 35 kilometres per hour. Which of the following is equivalent to the same speed?

- A. 70 kilometres in 2 hours
- B. 80 kilometres in 2 hours 10 minutes
- C. 100 kilometres in 2 hours
- D. 105 kilometres in 3 hours

Question 13

Two trains of lengths 250 m and 300 m are running in the same direction at the speed of 25 m/sec and 35 m/sec respectively.

What is the time taken by faster train to overtake the slower train?

- A. 11 seconds
- B. 33 seconds
- C. 55 seconds
- D. 77 seconds

Question 14

Two trains of lengths 200 m and 250 m are approaching each other with the speed of 20 m/sec and 25 m/sec respectively.

What is the time taken by the trains to cross each other?

- A. 5 seconds
- B. 7 seconds
- C. 9 seconds
- D. 10 seconds

Question 15

A passenger train, 200 m long, passes a railway platform, 250 m long, in 45 seconds.

What is the time taken by the train to pass a man cycling in the direction of train at the rate of 5 m/sec ?

- A. 22 seconds
- B. 35 seconds
- C. 40 seconds
- D. 54 seconds

Question 16

A train running at the speed of 70 km/hr crosses a pole in 9 seconds.

What is the length of the train?

A. 125 m

B. 145 m

C. 175 m

D. 180 m

Question 17

A passenger train, 200 m long, passes a railway platform, 250 m long, in 50 seconds.

What is the speed of the train?

A.

B.

C.

D.