

## Examrace

# Aptitude Logical Reasoning Time and Distance 2020 Competitive Exams Part 8

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1. In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is:

- A. 5 kmph
- B. 6 kmph
- C. 6.25 kmph
- D. 7.5 kmph

Ans: A

2. Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

- A. 8 kmph
- B. 11 kmph
- C. 11 kmph
- D. 14 kmph

Ans: C

3. It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the cars is:

- A. 2 : 3
- B. 3 : 2
- C. 3 : 4
- D. 4 : 3

Ans: C

4. A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot @ 4 km/hr and partly on bicycle @ 9 km/hr. The distance travelled on foot is:

A. 14 km

B. 15 km

C. 16 km

D. 17 km

Ans: C

5. Sound is said to travel in air at about 1100 feet per second. A man hears the axe striking the tree,  $11/5$  seconds after he sees it strike the tree. How far is the man from the wood chopper?

A. 2420 ft

B. 2524 ft

C. 2600 ft

D. 2740 ft

Ans: A

6. A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot at 4 km/hr and partly on the bicycle at 9 km/hr. The distance travelled on foot is :

A. 1 hr 16 min

B. 1 hr 17 min

C. 1 hr 18 min

D. 1 hr 19 min

Ans: A