Data Sufficiency

Practice Exercise

1) How long does a train 110 meters long running at the speed of 72 km/hour take to cross a bridge 260 meters in length?

a) 15 seconds b) 18.5 seconds c) 10 seconds d) 8 seconds

2) A 180 m long train crosses another 270 m long train running in the opposite direction in 10.8 seconds. If the shorter train crosses a pole in 12 seconds, what is the speed of longer train?

a) 96 kmph b) 90 kmph c) 78 kmph d) 88 kmph

3) Two trains 140 m and 160 m long are moving towards each other on parallel tracks with speeds 40 kmph and 50 kmph respectively. How much time would they take to pass each other completely?

a) 15 seconds b) 18 seconds c) 10 seconds d) 12 seconds

4) Train-A crosses a pole in 25 seconds and another Train-B crosses as pole in 1 minute and 15 seconds. The Length of the train-A is half the length of the train-B. What is the respective ratio between the speed of the train-A to the speed of train-B?

a) 4 : 3 b) 3 : 4 c) 3 : 2 d) 5 : 4

5) If a train of length 120 meters crosses another train of length 180 meters running in the same direction at a speed of 40 kmph and 76 kmph respectively. Find the time taken to cross each other.

a) 22 seconds b) 30 seconds c) 42 seconds d) 35 seconds

6) Train – A crosses a stationary train – B in 50 seconds and a pole in 20 seconds with the same speed. The length of the train – A is 240 meters. What is the length of the stationary Train-B?

a) 360 mts b) 260 meters c) 300 meters d) Cannot be determined

7) A train has 15 bogies and each bogie is 20 meters long. This train has crossed an electric pole in 24 seconds. Due to some problem, 6 bogies were detached, the train now crosses an electric pole in: (Note: the length of the train's engine is 60 meters)

a) 16 seconds b) 15 seconds c) 14 seconds d) 20 seconds

8) A train has 20 bogies and each bogie is 18 meters long. This train has crossed an electric pole in 50 seconds. Due to some problem, 8 bogies were detached, the train now crosses a 500 meters long tunnel approximately in: (Note: the length of the train's engine is 40 meters)

a) 64 seconds b) 65 seconds c) 74 seconds d) 94 seconds

9) If two trains are travelling in the opposite direction crosses a pole in 8 seconds and 29 seconds respectively, and simultaneously crosses each other in 15 seconds, then what is the ratio of speed of first train to second train?

a) 1 : 2 b) 1 : 1 c) 2 : 1 d) 3 : 1

10) American Express, which is 240 m long, passes a pole in 6 seconds. Another train of Miami Express is of the same length as American Express. When both of them running towards each other, American Express crosses Miami Express in 8 seconds. Determine the speed of Miami Express?

a) 50 kmph b) 54 kmph c) 75 kmph d) 72 kmph

Check the Answers

1	**B**	6	**A**
2	**A**	7	**A**
3	**D**	8	**D**
4	**C**	9	**C**
5	**B**	10	**D**