

Test Paper

time:00:05:00

- 1) A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?
- a) 120 metres
 - b) 130 metres
 - c) 125 metres
 - d) 150 metres
- 2) Two ships are sailing in the sea on the two sides of a lighthouse. The angle of elevation of the top of the lighthouse is observed from the ships are 30° and 45° respectively. If the lighthouse is 100 m high, the distance between the two ships is:
- a) 173 m
 - b) 200 m
 - c) 273 m
 - d) 300 m
- 3) A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:
- a) Rs. 650
 - b) Rs. 690
 - c) Rs. 698
 - d) Rs. 700
- 4) Mr. Thomas invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% p.a. and 11% p.a. respectively. If the total amount of simple interest earned in 2 years be Rs. 3508, what was the amount invested in Scheme B?
- a) Rs. 6400
 - b) Rs. 6500
 - c) Rs. 7200
 - d) Rs. 7500

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