Waffor Retail Solutions Private Limited

Aptitude Test – Model 1   **Time: 1 Hour**

1. Distance between two stations A and B is 778 km. A train covers the journey from A to B at 84 km per hour and returns back to A with a uniform speed of 56 km per hour. Find the average speed of the train during the whole journey.

2. The present age of a father is 3 years more than three times the age of his son. Three years hence, father's age will be 10 years more than twice the age of the son. Find the present age of the father.

3. A mixture contains juice and water in the ratio 4 : 3. If 5 liters of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of juice in the given mixture

4. A and B can do a piece of work in 18 days; Band C can do it in 24 days A and C can do it in 36 days. In how many days will A, Band C finish it together and separately?

5. Two pipes A, B can fill a tank in 24 min. and 32 min. respectively. If both the pipes are opened simultaneously, after how much time B should be closed so that the tank is full in 18 min?

6. If a man walks at the rate of 5 km ph, he misses a train by 7 minutes. However, if he walks at the rate of 6 km ph, he reaches the station 5 minutes before the arrival of the train. Find the distance covered by him to reach the station.

7. Two trains 137 meters and 163 meters in length are running towards each other on parallel lines, one at the rate of 42 km ph and another at 48 km ph. In what time will they be clear of each other from the moment they meet?

8. The angle of elevation of the top of a tower at a point on the ground is 30 degree. On walking 24 m towards the tower, the angle of elevation becomes 60 degree. Find the height of the tower.

9. The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay?

10. Insert the missing number.

   7, 26, 63, 124, 215, 342,?