Waffor Retail Solutions Private Limited

Aptitude Test – Model 4

Time: 1 hour

1.Village X has a population of 68000,which is decreasing at the rate of 1200 peryear. Village Y has a population of 42000,which is increasingatthe rate of 800 per year. In how many years will the population of the two villages beequal?

2. The average age of a class of 39 students is 15 years. If the age of the teacher be included, then the average increases by3 months. Find the age of the teacher.

3.Abhay's age after six years will be three-seventh of his father's age. Ten years ago the ratio of their ages was 1 : 5. What is Abhay's father's age at present?

4. Paulson spends 75% of his income. His income is increased by 20% and he increased his expenditure by 10%.Find the percentage increase in his savings.

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

6. A, Band C enter into a partnership by investing in the ratio of 3 : 2: 4. After 1 year, B invests another Rs. 2,70,000 and C, at the end of 2 years, also invests Rs.2,70,000. At the end of three years, profits are shared in the ratio of 3 : 4 : 5. Find initial investment of each.

7. A and B undertake to do a piece of work for Rs. 600. A alone can do it in 6 days while B alone can do it in 8 days. With the help of C, they finish it in 3 days. Find the share of each.

8.An electric pump can fill a tank in 3 hours. Because of a leak in,the tank it took 3(1/2) hours to fill the tank. If the tank is full, how much time will the leak take to empty it?

9. Two trains 100 metres and 120 metres long are running in the same direction with speeds of 72 km/hr and 54 Km/hr. In how much time will the first train cross the second?

10. 3, 7, 6, 5, 9, 3, 12, 1, 15, ?