Ratio and Proportion – 3

1. Cost of 15 m cloth is Rs. 180. Find the cost of 55 m cloth.

2. Weight of 200 sweets is equal to 5 kg. What is the weight of 150 sweets?

3. Cost of 5 kg apple Rs. 225.50. What is the cost of 9 kg apple?

4. The weight of 9 similar books is 12 kg. What is the weight of 45 such books?

5. A motorbike travels 260 km in 5 hours. How far it will travel in 15 hours 30 minutes?

6. A transportation company charge Rs. 5400 to carry 9 tons of weight. What will be the charge to carry 200 tons?

7. The cost of 19 tables is Rs. 27854. How many tables can be bought for Rs. 51310.

8. 15 pencils cost Rs. 10.50. How many pencils can be bought for Rs. 70?

9. A machine manufactures 75 cycle parts 5 hours. How many parts will it manufacture in 45 hours?

10. 15 bags of wheat each weighing 40 kg cost Rs. 5748. Find the cost of 36 bags of wheat, if each bag weighs 50 kg.

11. $35\% = \dfrac{35}{10}$, mark True / False.

12. $50\% = \dfrac{1}{2}$, mark True / False.

13. $25\% = \dfrac{1}{5}$, mark True / False.

14. $\dfrac{1}{5} =$ _____.

a)   50%   b)   25%

c)   20%   d)   None of these

15. 2 % = _____.

a)   0.0002   b)   0.02

c)   0.002   d)   None of these

16. 0.5 % = _____.

a)   0.005   b)   0.0005

c)   0.05   d)   None of these

17. Convert $\dfrac{3}{5}$ into percentage.

18. Convert $\dfrac{7}{25}$ into percentage.

19. Convert 19 : 25 into percentage.

20. Convert 7.5 into percentage.

21. There are 200 students in a school. 120 of them are boys, what percentage of the students are girls?

22. There are 500 employees working in a factory. If 65% of total employees are mail, then what is the strength of female employees?

23. In a fruit shop there are 250 kg of apples and oranges. If 120 kg apples are there, then what is the percentage of oranges?

24. 18% of Rs. 650 = _____.

25. 0.75% of 10 km = _____.