ASSIGNMENT NO. 9

 CHAPTER- COMPARING QUANTITIES

CLASS- VII SUBJECT- MATHS

Q1. Express the following percentages as fractions:-

 a) 9.3% b) 25/8% c) 145%

Q2. Convert the following fractions into percentages:-

 a) 7/40 b) 13/8

Q3. The population of a town in 2005 was 180000 and in 2009 was 210000. Find the increase

 percentage.

Q4. A man sold his scooter for Rs.8000 and lost 20%. For what amount should he have sold it to gain

 20% ?

Q5. Anita scored 320 marks out of 400 marks and Rita scored 300 marks out of 360 marks. Whose

 percentage is better?

Q6. Out of 25 students of a class, 16 are girls. What is the percentage of girls ?

Q7. Express the following ratios as percentages:-

 a) 1:4 b) 7:6 c) 3:8

Q8. Find the whole quantity if:-

a) 25% of it is 9

 b)75% of it is 15

Q9. Ritu’s mother said, to make idlis, you must take 5 parts rice and 3 parts urad dal. What

 percentage of such a mixture would be rice and what percentage would be urad dal ?

Q10. Convent the following decimals to percentage:-

1. 0.75
2. 4.19
3. 0.006
4. 0.067

Q11. In a class of 45 students, 20% students wear spectacles. How many students do not wear

 Spectacles?

Q12. 15% of a number is 45. Find the number.

Q13. An election was contested by Sandeep and Rohan. In all, there were 5650 votes. 80% of the

 Votes were polled. If Sandeep got 55% of the votes polled, how many votes did Rohan get?

Q14. A dealer buys a watch for Rs.580 and sells it for Rs.667 . Find his profit and profit percentage.

Q15. An item was sold for Rs.532 at a loss of 5%. What was it’s cost price?

Q16. If Rs.9600 is invested for 2 years 4 months at 15/2% per annum simple interest, find the

 Interest and the amount.

Q17. What sum of money will amount to Rs.2760 in 3 years at 5% per annum simple interest?

Q18. Find the rate of interest when:-

1. Simple interest on Rs.1560 in 3 years is Rs.585
2. Simple interest on Rs.1625 in 5/2 years is Rs.325.

Q19. What percentage of 1/7 is 2/35 ?

1. 20% b) 25% c) 30% d) 40%

Q20. On a certain sum the interest paid after 3 years is Rs.450 at 5% rate of interest per annum.

 Find the sum.