CHAPTER 10

SIMPLE INTEREST

WORKSHEET

1.Find the sum of money that amounts to ₹ 992 in 4 years at per annum.

2. What sum of money will earn an interest of ₹162 in 3 years at the rate of 12% per annum

3. At what rate per cent annum will a sum of money double itself in 6 years?

4. In what time will a sum of money double itself at 5 % per annum?

5. ₹4000 were lent each to Ron and Rob at 15% per annum for $3^1/_2$ years and 5 years respectively. Find the difference in the interest paid by them.

6. Rocky lends ₹ 3000 to Ken at 10% per annum and the Ken lends the same sum to Mike at 12% per annum. Find Ken's gain over a period of 3 years.

7. Divide ₹1750 into two parts so that simple interest on the first when deposited for 2 years at 15% per annum and that on the second when deposited for 3 years at 16% per annum in a bank add to give the total interest of ₹624.

8. Find the simple interest on ₹6000 from 16 May 2010 to 9 October 2010 at 10% per annum.

9. What sum lent out at $6^1/_4$% per annum produces the same simple interest in 2 years as ₹2100 lent out at 5% per annum produces in 16 months?

10. In how much time will S.I. on certain sum of money at $12^1/_2$% per annum be $^7/_4$ of itself?

11. A certain sum amounts to ₹2200 in 2 years to ₹2800 in 4 years at simple interest. Find the sum and the rate percent per annum.