PERCENT AND PERCENTAGE

Chapter- 7

WORK SHEET

1. Express each of the following as a fraction:
    (i) 48%
    (ii) 220%
    (iii) 2.5%

2. Express each of the following as a decimal:
    (i) 6%
    (ii) 72%
    (iii) 125%

3. Express each of the following as a percentage:
    (i) 9/25
    (ii) 31/25
    (iii) 1/25

4. If 16% of a number is 72, find the number

5. A man saves 18% of his monthly income. If he saves Rs 3780 per month, what is his monthly income?

6. A football team wins 7 games, which is 35% of the total games played. How many games were played in all?

7. Amit was given an increment of 20% on his salary. If his new salary is Rs 30600, what was his salary before the increment?

8. Sonal attended her school on 204 days in a full year. If her attendance is 85%, find the number of days on which the school was opened.

9. A's income is 20% less than that of B. By what per cent is B's income more than A's?

10. The price of petrol goes up by 10%. By how much per cent must a motorist reduce the consumption of petrol so that the expenditure on it remains unchanged?

11. The population of a town increases by 8% annually. If the present population is 54000, what was it a year ago?

12. The value of a machine depreciates every year by 20%. If the present

value of the machine be Rs 160000, what was its value last year?

13. An alloy contains 40% copper, 32% nickel and rest zinc. Find the mass of zinc in one kg of the alloy

14. Gunpowder contains 75% nitre and 10% sulphur. Find the amount of gunpowder which carries 9 kg nitre. What amount of gunpowder would contain 2.5 kg sulphur?

15. Divide Rs 7000 among A, B and C such that A gets 50% of what B gets and B gets 50% of what C gets