PERCENTAGE: VII

1. Convert each of the following into decimal form.
    a) 45%
    b) 127%
2. Find:
    a) 32% of 425
    b) 16 ⅔ % of 16
3. Find the number whose 13% is 65.
4. If 12.5% of x is 6, find the value of x.
5. 96% of the cost of a TV is Rs. 10464. What is its total cost?
6. 36% of the maximum marks are required to pass a test. A student gets 123 marks and is declared failed by 39 marks. Find the maximum marks.
7. Gunpowder contains 75% of nitre and 10% of sulphur, and the rest of it is charcoal. Find the amount of charcoal in 8kg of gunpowder.
8. In an election, there were two candidates A and B. The total number of voters in this constituency was 60000 and 80% of the total votes were polled. If 60% of the polled votes were cast in favour of A, how many votes were received by B?
9. The price of a sweater is increased by 8%. If its increased price is Rs. 1566, find the original price.
10. A number is increased by 20% and the increased number is decreased by 20%. Find the net increase or decrease per cent.