1. Out of his total income, Prateek spends 15% on transport, 55% on house hold expenditure and 5% on medical expenses. If he saves Rs6000, what is his total income?

2. The value of land is increased by 30%. It is now Rs 13000. What was the price of land before increase in price?

3. Priya bought 100 hens for Rs 16000 and sold 20 of these at a gain of 5%. At what gain percent must she sell the remaining hens so as to gain 20% on the whole?

4. Anusha bought two fans for Rs 3605. She sold one at a profit of 25% and other at a loss of 18%. If Anusha obtained the same amount for each fan, find the cost price of each fan.

5. A cycle merchant allows 25% discount on marked price of cycle and still makes a profit of 20%. If he gains Rs 720 over the sale of one cycle, find the marked price of the cycle.

6. Brij borrowed a sum of money from bank at $6\frac{1}{4}$ % simple interest for 146 days. If the interest paid is Rs 60, what was the money borrowed by Brij?

7. At what rate percent per annum will a sum of Rs 8000 yield compound interest of Rs 820 in 2 years?

8. Find the amount if Rs 60,000 is compounded annually for 3 years and the rate of interest being 10% for first year, 15% for the second year and 16% for the third year.

9. Find the compound interest on Rs 48000 at the rate of 10% per annum compounded half yearly for $1\frac{1}{2}$ years.

10. Find the time in which an amount of Rs 6250 becomes Rs 6760 at 4% per annum, if the interest is compounded annually.