

- 1) Gopi sold a laptop at 12% gain. If it had been sold for Rs 1200 more, the gain would have been 20%. Find the cost price of the laptop.
- 2) A shop keeper sold 2 sarees for Rs2200 each. On one he gains 10% and on the other he loses 12%. Calculate gain or loss percentage in these sales.
- 3) A sum of money becomes Rs 18000 in 2 years and Rs. 40500 in 4 years on compound interest. Find the sum.
- 4) Find the difference in the compound interest on Rs.62500 for  $1\frac{1}{2}$  years at 8% p.a compounded annually and when compounded half yearly.
- 5) If the first number is 20% less than the second number and the second number is 25% more than 100, then find the first number.
- 6) A man bought an article on 30% discount and sold it at 10% more than the marked price. Find the profit made by him.
- 7) A shopkeeper gives 2 successive discounts on an article whose marked price is Rs.180 and selling price is Rs.108. Find the first discount percentage if the second discount is 25%.
- 8) The simple interest on a certain principal for 3 years at 10% p.a is Rs 300. Find the compound interest accrued in 3 years.