

Name - _____

Start time - ___ : ___

End time - ___ : ___

Solve the following.

1. The value of a machine depreciates at the rate of 10% p.a. It was purchased 4 years ago. If its present value is Rs 196830, find its purchase price.
2. On what sum of money will the difference between simple interest and compound interest for 2 years at 4% per annum be 1 Re.
3. The population of a city is 125000. If the annual birth rate and death rate are 5.5% and 3.5% respectively, find the population of the city after three years.
4. A sum of money becomes Rs 2704 in 2 years at compound interest at the rate of 4% p.a. Find the sum of money and the interest generated.
5. Find the difference between the compound interest and the simple interest on a sum of Rs.10,000 for 2 years at the rate of 5% per annum.
6. Find the C.I. on Rs 24,000 at 15% p.a. for $2\frac{1}{3}$ years.

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