

Instalments

1. A man borrowed Rs.40800 and returned it in two equal annual instalments if rate of interest charged is 12.5% p.a. compounded annually. Find each instalments.
2. An article is available for Rs.78, 600 cash or Rs. 15500 cash down payment and 3 equal annual Instalments. If interest is charged at the rate of 10% p.a. compounded annually. Find each instalment
3. A loan of Rs. 127500 is to be paid back in two equal half yearly instalments. If rate of interest is 8% p.a. compounded half yearly. Find each instalment.
4. A loan has to be returned in two equal annual instalments. The rate of interest charged is 16%p.a. compounded annually and each instalment is Rs. 5046. Find sum borrowed and total interest paid.
5. A loan is to be returned in 3 equal quarterly instalments of Rs. 35152 each. Find sum borrowed. If rate of interest charged is 16%p.a. compounded quarterly. Find total interest paid.

Each question 3 marks

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