

HERAMB COACHING CLASSES

Yogeshwar Tower, Katemanivali, Kalyan (E)

F.Y.B.COM/ MATHS MARKS: 30 DURATION: 1 HOUR DATE: 09-03-2019

ATTEMPT ANY 6 FROM THE FOLLOWING:

- 1) What sum will amount to Rs.13,530 in 4 years at 8% p. a., S.I. Also find simple interest.
- 2) Anand borrows Rs.2,50,000 partly at 10% and the remaining at 12%. At the end of 3 years and six months, he pays a total simple interest of Rs.94,500. How much did he borrow at each rate?
- 3) Leela has taken loan of Rs. 20,000 for 2 years. Calculate compound interest at the rate of 12%p.a. reckoned quarterly.
- 4) Find in what time a sum of money will double itself at 12.2% p.a compound interest.
- 5) Find the amount of an ordinary annuity (annuity regular) of Rs. 7,000 p.a. for 3 years if the interest reckoned is 9%.
- 6) Sangeeta buys washing machine worth Rs. 28,000 on instalment. She pays Rs. 8,000 at the time of purchase and balance in 4 equal annual instalments with 13% p.a. compound interest. Find the annual instalment.
- 7) Find the amount of annuity due of Rs. 6,800 payable half yearly for 2 years at 10% compounded half yearly.
- 8) A person wants to borrow a loan of Rs. 10,00,000 for purchase of a farm house. Bank A offers at a rate of 6% a flat interest rate, while Bank B offers at a rate of 10% on monthly reducing balance for the same period of four years. Which bank the person should opt for?

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