

Q-4

- A) Define Annuity. 4
- B) Mukeshbhai deposited Rs.4000 at 12% rate of compound interest for 3 years, calculate amount if the interest is compounded every six monthly. 5
- C) Anilkumar deposit Rs.2000 at 12% rate of compound interest at the end of every year. At the end of 10 years how much amount should he get? 6

OR

- A) If the rate of interest is 12%, what sum should Smt. Neetaben deposit in her recurring account in bank in the beginning of every year so that her 4 year old son can receive rs.1, 00,000 when he is 20 years old? 4
- B) Reliance Ltd issues 50,000 debentures each of Rs.100 which is to be redeemed after 10 years. It was decided to create a sinking fund for this purpose and to invest it at 12.5% rate of compound interest. Find the sum to be transferred to this fund at the end of every year. 5
- C) The population of city at present is 76162 which was 65673 before 5 years. Find out the rate of growth of population. 6

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