

## Section A (10 Marks)

1. Define the following terms:
  - a) Shares
  - b) Dividends
  - c) Market Value
  - d) Face Value
  - e) Brokerage
2. Calculate the total amount paid to purchase 50 shares of a company with a face value of Rs 100 each, if the market value of each share is Rs 120 and the brokerage is 0.2% of the total transaction value.
3. A person invests Rs 5000 in shares of a company at Rs 100 per share. The company declares a dividend of 10%. Calculate the dividend received by the person.
4. Find the rate of return on an investment of Rs 10,000 if the dividend received is Rs 800.
5. A person invests Rs 20,000 in a mutual fund. After one year, the value of his investment becomes Rs 22,000. Calculate the rate of return on his investment.

## Section B (10 Marks)

6. A person invests Rs 10,000 in a fixed deposit for 2 years at a rate of interest of 8% per annum compounded annually. Calculate the amount he will receive at the end of 2 years.
7. A person borrows Rs 50,000 from a bank at a rate of interest of 10% per annum compounded annually. He repays the loan in 2 equal annual installments. Calculate the amount of each installment.
8. A person buys a car for Rs 5,00,000. He pays 20% of the amount as a down payment and takes a loan for the remaining amount at a rate of interest of 12% per annum compounded annually. He repays the loan in 3 equal annual installments. Calculate the amount of each installment.
9. A person invests Rs 10,000 in a recurring deposit account for 2 years at a rate of interest of 8% per annum. Calculate the maturity value of the deposit.
10. A person invests Rs 5,000 per month in a mutual fund for 5 years. The average annual return on the investment is 12%. Calculate the total amount accumulated at the end of 5 years.