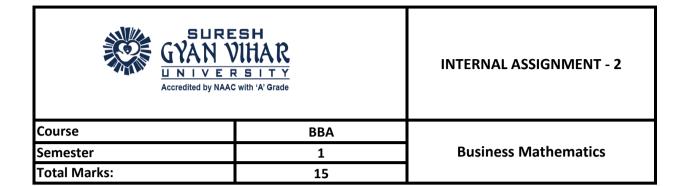


Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- **A.** A sum of money becomes 8/5 times of itself in 5 years at a certain rate of simple interest. What is the rate of interest? If it happens with compound interest,
- **B.** Write a note on types of shares.
- C. X sells his goods 15 % cheaper than Y and 15 % dearer than Z. A person buys good worth Rs 1700 from X . If the person buys half the goods from Y and half the goods from Z, does he gain or loose,?
- Q.2. Write short notes on all of the following topics (1 mark each Word limit 100)
- A. Successive Discount
- **B.** Concept of Simple Interest
- **C.** Sales Tax
- **D.** Profit and Loss
- **E.** Domain of a function given the Equation



Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. A yearly rent estimate of a building is Rs 5800. Of this 10% is exempt from tax for purpose of repairs etc, and the remaining rent is liable to 10 ½% general tax,7 ¼% water tax, and 2 ¼ for cleaning charges. What is the net monthly income from the building?
- **B.** If the difference between C.I and S.I for Rs 5000 for 2 years is R 72. Find interest rate per annum.
- **C.** A person holds 100 shares of Rs 10 each of a company. The company issues bonus shares in the ratio 5:2. The company declared a dividend of 40% on capital . How much dividend will he receive
- Q.2. Write short notes on all of the following topics (1 mark each Word limit 100)
- **A.** Definition, Meaningand types of Matrices
- B. Corporations, Shares
- C. Matrix Operations
- **D.** Minors and Cofactors
- E. Legal Framework of Dividend