



INTERNAL ASSIGNMENT - 1

Course	BBA	Business Mathematics
Semester	1	
Total Marks:	15	

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

- A. A sum of money becomes $\frac{8}{5}$ 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

**INTERNAL ASSIGNMENT - 2**

Course	BBA	Business Mathematics
Semester	1	
Total Marks:	15	

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, Meaning and types of Matrices
- B.** Corporations, Shares
- C.** Matrix Operations
- D.** Minors and Cofactors
- E.** Legal Framework of Dividend