

 <b>SGVU</b> SURESH GYAN VIHAR UNIVERSITY DIRECTORATE OF DISTANCE EDUCATION	<b>INTERNAL ASSIGNMENT - 1</b>
Course: BBA	<b>BUSINESS MATHEMATICS</b>
Semester: I	
Specialization: NA      Total Marks- 15	

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

**A. Find market value of shares of 20% shares so that there may be 15% net income after paying tax at 10%**

**B. A capital of a company consists of Rs 30,00,000 , 8 % preference shares, and Rs. 6,00,00,000 equity shares What percent dividend can declared on equities out of total net profit of Rs 81,00,000.**

**C. A person invested Rs 27,136 in 8% share at Rs106 and Rs 25,296 in 12% shares at 124. How much total income will he get?**

**Q.2. Write short notes on all of the following topics (1 mark each – Word limit – 100)**

**A. Profit Maximization**

**B. Polynomial function**

**C. Equivalence relation**

**D. Identity relation**

**E. Inverse relation**



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**INTERNAL ASSIGNMENT - 2**

Course: BBA

Semester: I

Specialization: NA      Total Marks- 15

**BUSINESS MATHEMATICS**

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

**A. A person invested Rs 27,136 in 8% share at Rs106 and Rs 25,296 in 12% shares at 124. How much total income will he get?**

**B. 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?**

**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. Preferential share**

**B. Bonus shares**

**C. Share split**

**D. Explicit function**

**E. Algebraic function**