B.Com.(ISM) DEGREE EXAMINATION,ODD SEMESTER 2020
II Year III Semester
Business Mathematics and Statistics - I

Max.marks :25

Answer any **FIVE** questions $(5 \times 5 = 25)$ Marks

1. Explain De Morgans Laws.

2. A = {Ram, Rahim, Richard} and B = {Githa, Glory}. Find A x B

3. The simple interest on a certain principal for 5 years is Rs. 360 and the interest is 9/25 of the principal. Find the principal and the interest rate.

4. Compute the interest on Rs. 1,000 for 10 years at 4% per annum, the interest being paid annually.

5. Calculate Geometric mean of the following: 50, 72, 54, 82, 93

6. Calculate mean deviation from mean and also the coefficient of mean deviation for the following data: 100, 150, 200, 250, 360, 490, 500, 600, 671

7. Calculate coefficient of correlation from the following data.

X	12	9	8	10	11	13	7
Y	14	8	6	9	11	12	3