

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Business Studies

Semester : 1			
Course Title: BUSINESS MATHEMATICS I			
Course Code: BBA-101			
S. No.	Lecture No.	Topics to be covered	Target Outcome
1	1	Introduction to the syllabus, discussion of exam pattern	CO1
2	2	Introduction to unit 1 (sets) Basic concept	
3	3	Operations on Sets	
4	4	Numericals based on Operation of Sets	
5	5	Application Of sets	
6	6	Doubt Class	
7	7	Quadratic Equations with real roots	
8	8	Relations between roots and coefficient of the quadratic equations	
9	9	Numerical on Relations between roots and coefficient of the quadratic equations	
10	10	Methods of solving a quadratic equation.	
11	11	Class Test	
12	12	Factorial	CO3
13	13	Basics of Permutation and Combination	
14	14	Binomial Theorem (positive index), Functions	
15	15	Numerical on Binomial Theorem	
16	16	Doubt session	
17	17	Class Test	
18	18	Matrices, Types of matrices,.	CO4
19	19	Basic operations on matrices (Addition, Multiplication, Transpose),	
20	20	Determinant of a square matrix	
21	21	Inverse of a square matrix,	
22	22	Cramer's rule for solving linear equations	
23	23	Doubt Class	
24	24	Class Test	
25	25	Previous Year Question Paper Discussion	
26	26	Previous Year Question Paper Discussion	