

Business Mathematics

Semester-1

	Unit-1 Set Theory
Q-1	Definition of set theory
Q-2	Method of Representing sets
Q-3	Types of sets (3,5,6,7,8,9)
Q-4	Illustration: 2,4,6,17
Q-5	Difference of two sets
	Unit-2 Function and Limit
Q-1	Definition of a function
Q-2	Types of function (1,2,3)
Q-3	Equal function
Q-4	Illustrations: 15,16,24,25,26
	Limit
Q-5	Meaning of $x \rightarrow 0$, $x \rightarrow a$ and $x \rightarrow \infty$
Q-6	Rules of Limit
Q-7	4,9,10,11,13,15,16,19,26,29,30,33,35,42 and 43.
	Unit-3 Differentiation
Q-1	Rule of Derivative
Q-2	Illustration: 4,8,15,17,18,19,20,23,29,32
	Unit-4 Application of Derivative
Q-1	Write short note : Stationary Values
Q-2	Illustrations:2,4,13,16,19,22,23
Q-3	Explain the following terms: Average Revenue Marginal Revenue