

# SARASWATI MAHILA MAHAVIDYALAYA, PALWAL

## LESSON PLAN

Class: BBA Ist

Semester: Ist

Paper: Business Mathematics

Session: 2020-2021

Lectures	Topic
	<u>UNIT - I</u>
Lect. - 1 to 22	Theory of sets - Meaning, elements, types, presentation and equality of sets; union, intersection, compliment & difference of sets; Venn diagrams; Cartesian product of two sets; application of set theory.
Lect. - 23	Doubt
Lect. - 24	Revision
	<u>UNIT - II</u>
Lect. - 25 to 45	Indices and logarithms, arithmetic and geometric progressions and their business applications; sum of first $n$ natural numbers, sum of squares and cubes of first $n$ natural numbers



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Lectures	Topic
Lect-46	Doubt
Lect.-47	Revision
Lect-48	Test
	<u>UNIT-III</u>
Lect-49 to 69	Permutation, Principle of Association of events or Fundamental Principle of Counting, Combinations and Binomial theorem
	Quadratic Equations
Lect.-70	Doubt
Lect.-71	Revision
Lect.-72	Test
	<u>UNIT-IV</u>
Lect-73 to 88	Matrices - Types, properties, addition, multiplication, transpose and matrix; properties of determinants.
	Doubt
Lect.-89	Revision
Lect.-90	Test