

GOVT. COLLEGE BAROTA

LESSON PLAN OF MATHEMATICS(2023-24)(EVEN SEM.)

Name of Assistant Professor: Ms. Nikita Goel

Class: B.Com. (1st Sem.)

Subject: Business Mathematics

MONTH	WEEK	SYLLABUS
JANUARY	WEEK 1	Definition of a Matrix, Types of Matrices, Algebra of Matrices.
	WEEK 2	Calculation of values of Determinants up to third order, Adjoint of a Matrix, elementary row and column operations.
	WEEK 3	Finding inverse matrix through adjoint and elementary row or column operations.
	WEEK 4	Solution of a system of Linear equations having unique Solution and involving not more than three variables, Test.
	WEEK 5	Differentiation (only algebraic problem).
FEBRUARY	WEEK 1	Differentiation ctd..
	WEEK 2	Differentiation ctd..
	WEEK 3	Application of differentiation, Assignment.
	WEEK 4	Compound Interest and Annuities: Certain different types of interest rate.
	WEEK 5	Concept of present value and amount of a sum.
MARCH	WEEK 1	Types of annuities.
	WEEK 2	Present value and amount of an annuity, including the case of continuous compounding, Test.
	WEEK 3	Ratio, Proportion and Percentage.
APRIL	WEEK 1	Ratio, Proportion and Percentage ctd..
	WEEK 2	Profit and Loss.
	WEEK 3	Profit and Loss ctd., Assignment.
	WEEK 4	Revision and Test
	WEEK 5	Revision and Test



Signature