

GOVT. COLLEGE FOR WOMEN, BAHADURGARH

LESSON PLAN:- 2nd Semester

CLASS:- B.COM-1 (BUSINESS MATHEMATICES)

TEACHER'S NAME:- RAVINDER KUMAR

PAPER:- Business Mathematics-II

WEEK 1	Matrices and Determinants: Definition of a Matrix, Types of Matrices, Algebra of Matrices; Calculation of values of Determinants up to third order.
WEEK 2	Adjoint of a Matrix, elementary row and column operations, Finding inverse matrix through adjoint and elementary row or column operations.
WEEK 3	Solution of a system of Linear equations having unique Solution and involving not more than three variables.
WEEK 4	Differentiation (only algebraic problem).
WEEK 5	Differentiation (only algebraic problem) continued...
WEEK 6	Application of differentiation.
WEEK 7	Compound Interest and Annuities: Certain different types of interest rate.
WEEK 8	Concept of present value and amount of a sum; Types of annuities.
WEEK 9	Present value and amount of an annuity, including the case of continuous compounding.
WEEK 10	Ratio and Proportion.
WEEK 11	Percentage.
WEEK 12	Profit and Loss.

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