

D.A.V. GIRLS COLLEGE, KOSLI, REWARI, HARYANA

LESSON PLAN FOR THE ODD SEMESTER (2026–2027)

Name of the Teacher	Sunita Kalra	Class / Semester	B.Com 1st Year / Sem 1st
Subject	Maths (Minor)	Paper Name	Business Mathematics
Paper Code	COM-104	Teaching Term	20 July 2026 – 30 November 2026

Sr. No.	Month	Particulars
1	July 2026	Unit I – Set Theory: Representation of sets, equivalent sets, power set, complement of a set; Venn diagrams; union & intersection; De-Morgan's laws; logical statements and truth tables.
2	August 2026	Unit I – Set Theory & Logic: Completion, practice and revision of Unit I; numerical/application-based questions and assessment.
3	September 2026	Unit II – Logarithms & Progressions: Laws of operation and log tables; Arithmetic Progression (A.P.) and Geometric Progression (G.P.).
4	October 2026	Unit III – Matrices & Determinants: Definition, order, equality and types of matrices; addition, multiplication and scalar multiplication; determinants up to 3×3 ; properties, minors, co-factors, adjoint and inverse; applications and linear equations.
5	November 2026	Unit IV – Compound Interest & Annuities: Different interest rates; types of annuities; present value and amount; continuous compounding; valuation of simple loans and debentures; sinking funds; revision and completion of syllabus.
—	01–09 November 2026	DIWALI VACATION – No teaching classes.

Unit	Unit-wise Coverage	Period
I	Set Theory & Logic	20 Jul – 31 Aug 2026
II	Logarithms & Progressions	01 Sep – 30 Sep 2026
III	Matrices & Determinants	01 Oct – 31 Oct 2026
IV	Compound Interest & Annuities	10 Nov – 30 Nov 2026
	Diwali Vacation	01 Nov – 09 Nov 2026

Signature of Teacher: _____ Sunita Kalra