

Syllabus for CIA I, March-2026
Subject- Mathematics

B.A. / B. Sc. Semester: II

Paper: Differential & Integral Calculus: Unit -I, II

B.A. / B. Sc. Semester: IV

Paper I: Complex Analysis: Unit -I, II

Paper II: Numerical Analysis: Unit -I, II

B.A. / B. Sc. Semester: VI

Paper I: Graph Theory: Unit -I, II

Paper II: Theory of Equations: Unit -I, II

B. Sc. (Mathematics) Semester: II

Paper I: Differential & Integral Calculus: Unit -I, II

Paper II: Operations Research: Unit -I, II

B. Sc. (Mathematics) Semester: IV

Paper I: Complex Analysis: Unit -I, II

Paper II: Real Analysis- II: Unit -I, II

Paper III: Differential Equation-II: Unit -I, II

B. Sc. (Mathematics) Semester: VI

Paper I: Linear Algebra: Unit -I, II

Paper II: Number Theory: Unit -I, II

Paper III: Mechanics: Unit -I, II

MA/ M.Sc. Mathematics
Semester-II

Paper-I: Algebra -II: Unit-I, II

Paper-II: Topology: Unit-I, II

Paper-III: Differential Equations-II: Unit-I, II

Paper-IV: Riemannian geometry and Tensor Analysis: Unit-I, II

Paper-V: Hydrodynamics: Unit-I, II

Paper-VI: Special Function-II: Unit-I, II

Semester-IV

Paper-I: Functional Analysis-II: Unit-I, II

Paper-II: Viscous Fluid Dynamics-II: Unit-I, II

Paper-III: Integral Equations: Unit-I, II

Paper-IV: Mathematical Programming-II: Unit-I, II

Paper-V: General Relativity and Cosmology: Unit-I, II

Paper-VI: Numerical Analysis -II: Unit-I, II


22/12/26
Head of Department