

Deleted portion from Class XII syllabus-Mathematics

Unit	Deleted portion
Unit 1: Relations and Functions	composition of functions and invertible functions
Unit 2: Inverse Trigonometric Functions	Graphs of inverse trigonometric functions Elementary properties of inverse trigonometric functions
Unit 3 : Matrices	existence of non-zero matrices whose product is the zero matrix. Concept of elementary row and column operations. proof of the uniqueness of inverse, if it exists
Unit 4: Determinants	properties of determinants Consistency, inconsistency and number of solutions of system of linear equations by examples
Unit 5: Continuity and Differentiability	Rolle's and Lagrange's Mean Value Theorems (without proof) and their geometric interpretation.
Unit 6: Applications of Derivatives	rate of change of bodies, use of derivatives in approximation
Unit 7 : Integrals	Integrals of the functions $\sqrt{ax^2+bx+c}$, and $(ax+b)\sqrt{ax^2+bx+c}$ Definite integrals as a limit of a sum
Unit 8: Applications of the Integrals	Area under multiple curves
Unit 9: Differential Equations	formation of differential equation whose general solution is given. Solutions of linear differential equation of the type: $dx/dy+px=q$, where p and q are functions of y or constants.

Unit	Deleted portion
Unit 10: Vectors	scalar triple product of vectors.
Unit 11: Three - dimensional Geometry	Calculating the Angle between (i) two lines, (ii) two planes, (iii) a line and a plane

