

MS(QMS)
SYLLABUS FOR ADMISSION TEST: 2020

Syllabus for QMA (Mathematics) and QMB (Mathematics)

Algebra: Binomial Theorem, Arithmetic Progression, Geometric Progression, Harmonic Progression, Exponential and Logarithmic Series, Sequences, Permutations and Combinations, Theory of Equations, Relations and Functions.

Trigonometry: Trigonometric Functions.

Coordinate Geometry: Two and Three dimensional Coordinate Geometry.

Matrix : Vectors , Matrices and Determinants.

Calculus: Limits, Continuity, Differentiation of functions of one or more variables. Differential Equations, Unconstrained Optimization, Definite and Indefinite Integrals: Integration by parts and integration by substitution. Elements of Probability and Probability distributions.