

Syllabus of QMA (Mathematics) and QMB (Mathematics)

Algebra: Binomial Theorem, AP, GP, HP, Exponential, Logarithmic Series, Sequence, Permutations and Combinations, Theory of Equations.

Matrix Algebra: Vectors and Matrices, Matrix Operations, Determinants.

Calculus: Functions, Limits, Continuity, Differentiation of functions of one or more variables, Optimization, Definite and Indefinite Integrals: Integration by parts and integration by substitution.

Elements of Probability and Probability distributions,

Descriptive Statistics