

Minor-1: Introductory Algebra and Trigonometry

Unit- I: Algebra:- Adjoint and Inverse of a matrix, symmetric, skew-symmetric, Hermitian and Orthogonal matrices, Rank of a matrix, Solution of Simultaneous linear equation, Characteristic equations, Eigen values and Eigen vectors of a matrix.

Unit- II: Trigonometry:- Application of De-Moivre's Theorem, Gregory's Series, Hyperbolic functions, and inverse hyperbolic functions and summation of Series.

Books Recommended

Trigonometry: – Das and Mukherjee

Trigonometry: – Lalji Prasad

Matrix: – A. R. Vasishtha

Matrices: – M. D. Raisinghania, H. E. Saxena and H. K. Das

20/11

20/11

Hoque
08/08/23