

DEDUCTED PORTION
Applied Mathematics (241)
Class- XI 2020-2021

Unit I: Numbers, Quantification and Numerical Applications

- Prime Numbers, Encryptions using Prime Numbers
- Complex Numbers (Preliminary idea only)

Unit II: Algebra

- Circular Permutations, Permutations with restrictions
- Combinations when repetition is allowed

Unit III: Mathematical and Logical Reasoning

- No deletion

Unit IV: Calculus

- Composite functions
- Tangent line and equations of tangents

Unit V: Probability

- No deletion

Unit VI: Descriptive Statistics

- Types of data (raw data, univariate data, bivariate and multi-variate data)
- Data interpretation (central tendency only)

Unit VII Basics of Financial Mathematics

- No deletion

Unit VIII Coordinate Geometry

- Parabola
(only standard forms and graphical representation on two-dimensional plane)