**Vedic Mathematics**

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| **UNIT-I** | Introduction to Vedic Mathematics, Applications of Vedic Mathematics, Theory of Numbers, Algebraic Operations, Mathematical Computation, Basics of Calculus, Coordinate System Theory |
| **UNIT-II** | Principles of Vedic Mathematics, 16 Sutras, High Speed Multiplication, Faster Division, Math Meditation - Doing Math Calculations without Pens and Paper, Divisibility, Calendars |
| **UNIT-III** | Algebra: Linear, Simultaneous, Quadratic and Miscellaneous Equations, Accelerated Addition, Instant Subtractions, Squares, Cubes, Square Roots, Cube Roots, Digital Roots |
| **UNIT-IV** | Pythagoras Theorem, Recurring Decimals, Determinants, Triples |
| **UNIT-V** | Coordinate geometry, Calculus |