

SYLLABUS**Lesson 1 : Introduction to Vedic Maths**

- a) History of Vedic Maths
- b) How Vedic Maths comes
- c) Features of Vedic Maths

Lesson 2 : Vedic Maths sutras

- a) Vedic Maths – 16 sutras
- b) Vedic Maths – 13 sub-sutras

Lesson 3 : (a) Addition from left to right

(b) Addition using dot method

Lesson 4 : Subtraction from left to right**Lesson 5 : Subtraction using All from 9 last from 10
(Nikhilam Navatascaram Dashtah)****b) Subtraction using appropriate base****Lesson 6 : Multiplication of complementary numbers like 23×27** **Lesson (7-9) : Multiplication of numbers consisting of all 9's****Lesson (10-12) : Multiplication of numbers above base****Lesson (13- 15) : Multiplication of numbers below base****Lesson (16-18) : Multiplication by 1's****Lesson 19 : Multiplication by 12****Lesson (20-24) : Multiplying by 2 digit numbers & more than 2 digits numbers****Lesson 25 : QUESTIONARES****Lesson 26 ; : Squaring numbers in patterns****Lesson 27 : Squaring numbers with any numbers of digit by Duplex methods, Base
method****Lesson 28 : Square Root****Lesson (29-30) : Straight Division Method**

Application of (duplex) Method

Rapid Cubes

Lesson (31-32): Cube Root**Lesson 33 : Special case of dividing by 9, 8, 7, 6****Reduction Method of Straight Division****Lesson (34-35) : Vinculum method****Subtraction using Vinculum method****Lesson (36-37) : Simple Decimals****a) Introduction to decimals****b) Decimal addition, subtraction, multiplication, division****Lesson (38-39) : fractions****(a) introduction, Fraction addition & subtraction with same & different denominators****b) Fraction multiplication & division****Lesson (40-41) : Percentage****Introduction , Conversion from Percent to decimal and percent to fraction****Lesson (42-43): Algebra using Vedic Sutras****a) Quadratic Formula, exponents, radicals****(b) Binomial theorem , Laws of exponents, logarithms**

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