



VEDIC MATHEMATICS COURSE

CHINMAYA INTERNATIONAL FOUNDATION

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SYLLABUS



PART – I (Duration 10-12 weeks)

Introduction

Section A – Addition and Subtraction

Lesson 1: Addition

Lesson 2: Subtraction

Section B – Multiplication with Recognizable Patterns

Lesson 3: Multiplication of complementary numbers like 23×27

Lesson 4: Multiplication by numbers consisting of all 9s

Lesson 5: Multiplication by numbers above the base

Lesson 6: Multiplication by numbers below the base

Lesson 7: Multiplication by 11

Lesson 8: Multiplication by 12

Lesson 9: Multiplication of any number by 9, 99, 999

Section C – Generic Multiplication

Lesson 10: Multiplication by two-digit numbers

Lesson 11: Multiplication by three and four-digit numbers

Questionnaire 1



PART – II (Duration 8-10 weeks)

Section D – Squaring, Square Root and Cubing

Lesson 12: Squaring of numbers in patterns

Lesson 13: Squaring numbers with any number of digits

Lesson 14: Square root

Lesson 15: Cubing

Questionnaire 2



PART – III (Duration 12-14 weeks)

Section E – Advanced Multiplication

Lesson 16: Working base

Lesson 17: Multiplication above and below the base

Lesson 18: Multiplication above and below the working base

Lesson 19: Compound multiplication

Section F – Division

Lesson 20: Nikhilam-division

Lesson 21: Division

Section G – Miscellaneous Matters

Lesson 22: Area of 2-D shapes

Lesson 23: Bhuja-kotī-karṇa-nyāya (Pythagoras' Theorem)

Lesson 24: Kaṭapayādi number system

Questionnaire 3

