



Indraprastha College for Women University of Delhi

Work Plan for ODD SEMESTER – 2026

Course Name:	VAC
Paper Title:	Vedic Maths-1
Unique Paper Code:	6967000020
Semester:	I
Faculty:	Riika Gulati
Year:	2026

Work Plan			
Unit No.	Learning Objective	Lecture No.	Topics to be Covered
1	Discussing about sutras and learning it to use in addition, subtraction and fraction	1,2,3	History of vedic maths
		4,5,6	Sutra and up sutra
		7,8,9	Addition and subtraction in vedic maths
		10,11,12	Fractions
2	Learning about multiplication and division by sutras	13,14,15	Multiplication in Vedic maths
		16,17,18	Multiplication by different sutras
		19,20,21	Miracle Multiplication
		22,23,24	Division by sutras
		25,26,27	Base Method
3	Finding square and square roots by easy Vedic maths techniques	28,29,30	Square roots
		31,32,33	Easy square root
		34,35,36	Cubing
		37,38	Square root of 2
4	Learning different geometrical concepts	39,40	Factoring quadratic equations
		41,42	Pythagoras and circling a square
		43	Concept of pi
		44,45	Angle concept

Unit	Contents/Syllabus
I	Vedic Maths: History of Vedic Maths and its Features, Vedic Maths formulae: Sutras and Up sutras , Addition in Vedic Maths: Without carrying, Dot Method. Sutra: Ekadhikena Purvena, Subtraction and fraction in Vedic maths
II	Multiplication in Vedic maths by different sutras, Miracle Multiplication, Division
III	Square, cubes and square roots
IV	Quadratic equation, Pythagoras, Circling a square, concept of pi, concept of angle1
S. No.	Name of Authors/Books/Publishers
1.	The Essentials of Vedic Mathematics, Rajesh Kumar Thakur, Rupa Publication, New Delhi, 2019.
2.	Learn Vedic Speed Mathematics Systematically, Chaitanya A. Patil 2018
3.	
4.	

Paper Components			
Credits	Lecture (L)	Tutorial (T)	Practical (P)
2	1		1
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment		10

	• Assignment • Class Test • Attendance		
2.	Continuous Assessment (Tutorial) • Activity 1 • Activity 2 • Attendance		
3.	Practical • Continuous Assessment • End Term Written/Practical Exam • Viva		40
4.	End Semester Examination		30