


Curriculum Plan (ODD SEM 2024-25): VAC II Sem

Vedic Mathematics-1

Teacher'S Profile Hari Kishan Bhardwaj Department of Mathematics, Kalindi College, University of Delhi, Delhi- 110008 Mobile: +91-9868053327 Email: harikishan@kalindi.du.ac.in			Marks Distribution Classes Assigned	Theory Internal Assessment Continuous Assessment Lectures	30 Marks 10 Marks 40 Marks Assignments -4 Marks Test - 4 Marks Attendance - 2 Marks 1 Per Week
Reference		1. The Essential of Vedic Mathematics, Rajesh Kumar Thakur, Rupa Publications, New Delhi 2019. 2. Vedic Mathematics Made Easy, Dahaval Bathia, Jaico Publishing, New Delhi 2011 3. Vedic Mathematics: Sixteen Simple Mathematical formulae from the Vedas, Jagadguru Swami Sri Bharati Krishna Trithaji, Motilal Banarasidas, New Delhi 2015. 4. Learn Vedic Speed Mathematics Systematically, ChaitnayaA. Patil 2018.			
	Week	Topics			
	1 st Week (27 JAN-1 FEB)	Vedic Maths: History of Vedic Maths and its Features			
	2 nd Week (3-8 FEB)	Vedic Maths formulae: Sutras and Upsutras			
	3 rd Week (10-15 FEB)	Addition in Vedic Maths: Without carrying, Dot Method			
	4 th Week (17-22 FEB)	Subtraction in Vedic Maths: Nikhilam Navatashcaramam Dashatah (All from 9 last from 10)			
	5 th Week (24 FEB- 1 MAR)	Fraction -Addition and Subtraction			
	6 th Week (3-8 MAR)	Multiplication in Vedic Maths: Base Method (any two numbers upto three digits)			
	7 th Week (17- 22 MAR)	Multiplication by Urdhva Tiryak Sutra			
	8 th Week (24-29 MAR)	Miracle multiplication: Any three-digit number by series of 1's and 9's			
	9 th Week (31 MAR -5 APR)	Division by Urdhva Tiryak Sutra (Vinculum method)			
	10 th Week (7-12 APR)	Squares of any two-digit numbers: Base method, Square of numbers ending in 5: Ekadhikena Purvena Sutra			
	11 th Week (14 -19 APR)	Easy square roots: Dwandwa Yoga (duplex) Sutra, Square root of 2: Baudhayana Shulbasutra			
	12 th Week (21-26 APR)	Cubing: Yavadunam Sutra			
	13 th Week (28 APR-3 MAY)	Factoring Quadratic equation: Anurupyena, Adyamadyenantyamanty, Sutra Concept of Baudhayana (Pythagoras) Theorem			
	14 th Week (5-10 MAY)	Circling a square: Baudhayana Shulbasutra, Concept of pi: Baudhayana Shulbasutra			
	15 th Week (12–17 MAY)	Concept angle (8) 0° , 30° , 45° , 60° and 90° : Baudhayana number			
	16 th Week (19-24 MAY)	Revision			