



D.A.V. PUBLIC SCHOOL, NEW PANVEL

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SYLLABUS PLANNING (2017-2018)

SUB: MATHEMATICS

Std: XII

Month	No.of Teaching Days	Topics	No.of periods	Weightage
MARCH	4	<u>UNIT 2: ALGEBRA</u> Chapter 3: Matrices	8	6
APRIL	21	<u>UNIT 2: ALGEBRA</u> Chapter 4: Determinants	15	7
		<u>UNIT 1: RELATIONS AND FUNCTIONS</u> Chapter 1: Relations and Functions	13	5
JUNE	23	<u>UNIT 1: RELATIONS AND FUNCTIONS</u> Chapter 2: Inverse Trigonometric Functions	8	5
		<u>UNIT 3: CALCULUS</u> Chapter 5: Continuity and Differentiation	10	8
		Revision & I Unit Test	5	
JULY	24	<u>UNIT 3: CALCULUS</u> Chapter 6: Application of Derivatives :	16	10
		Chapter 7: Integrals	18	12
AUGUST	22	<u>UNIT 3: CALCULUS</u> Chapter 8: Application of Integrals	10	6
		Chapter 9: Differential Equations	16	8

Month	No. of Teaching Days	Topics	No. of periods	Weight age
SEPTEMBER	18	Revision and I Terminal Examination	20	
OCTOBER	16	<u>UNIT 4: VECTOR ALGEBRA</u> Chapter 10: Vectors	8	6
		Chapter 11: 3D –Geometry	16	11
NOVEMBER	19	<u>UNIT 5: LPP</u> Chapter 12: Linear Programming Problem	6	6
		<u>UNIT 6: PROBABILITY</u> Chapter :13 Probability: Conditional Probability Revision for Preparatory Examination	10	4
DECEMBER	24	<u>UNIT 6: PROBABILITY</u> Chapter :13 Probability: Baye' s Theorem ,Binomial Distribution	15	6
JANUARY	24	Preliminary Examination & Revision for Annual Examination	10	
			14	
FEBRUARY	12	Revision for Annual Examination	20	
Total	207		238	100