



D.A.V. PUBLIC SCHOOL, NEW PANVEL

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SYLLABUS PLANNING (2018-2019)

SUB: MATHEMATICS

Std: XII

Month	No.of Teaching Days	Topics	No.of periods	Weightage
MARCH	8	<u>UNIT 2: ALGEBRA</u> Chapter 3: Matrices	10	6
		Chapter 4: Determinants	2	1
APRIL	23	<u>UNIT 2: ALGEBRA</u> Chapter 4: Determinants(contn)	8	6
		<u>UNIT 1: RELATIONS AND FUNCTIONS</u> Chapter 2: Inverse Trigonometric Functions	8	4
		<u>UNIT 3: CALCULUS</u> Chapter 5: Continuity and Differentiation	15	6
JUNE	20	<u>UNIT 3: CALCULUS</u> Chapter 6: Application of Derivatives :	20	10
		Revision for I Unit Test	5	
JULY	23	Revision & I Unit Test	6	
		<u>UNIT 3: CALCULUS</u> Chapter 7: Integrals	25	12
		Chapter 8: Application of Integrals	6	6
AUGUST	23	<u>UNIT 3: CALCULUS</u> Chapter 9: Differential Equations	10	10
		<u>UNIT 5: LPP</u> Chapter 12: Linear Programming Problem	8	6
		<u>UNIT 1: RELATIONS AND FUNCTIONS</u> Chapter 1: Relations & Functions	8	6

Month	No.of Teaching Days	Topics	No.of periods	Weightage
SEPTEMBER	19	<u>UNIT 4: VECTOR ALGEBRA</u> Chapter 10: Vectors Revision and I Terminal Examination	5 15	5
OCTOBER	24	<u>UNIT 4: VECTOR ALGEBRA</u> Chapter 11: 3D –Geometry <u>UNIT 6: PROBABILITY</u> Chapter :13 Probability: Conditional Probability, Baye’ s Theorem	8 16	12 6
NOVEMBER	15	<u>UNIT 6: PROBABILITY</u> Chapter :13 Binomial Distribution Revision & Preparatory Examination(FULL PORTION)	7 10	4
DECEMBER	19	Revision & Preliminary Examination	10	
JANUARY	23	Revision for Annual Examination	23	
FEBRUARY	12	Revision for Board Examination	12	
Total	209		237	100