



D.A.V. PUBLIC SCHOOL, NEW PANVEL

Plot No. 267, 268, Sector-10, New Panvel ,

Navi Mumbai-410206 (Maharashtra).

Phone 022-27468211, 27451793

E-mail – davnewpanvel@gmail.com, www.davnewpanvel.com

SYLLABUS PLANNING (2019-2020)

SUB: MATHEMATICS

Std: XII

Month	No.of Teaching Days	Topics	No.of periods	Weightage
MARCH	8	UNIT 2: ALGEBRA Chapter 3: Matrices	10	4
		Chapter 4: Determinants	2	2
APRIL	22	UNIT 2: ALGEBRA Chapter 4: Determinants(contin)	8	4
		UNIT 1: RELATIONS AND FUNCTIONS Chapter 2: Inverse Trigonometric Functions	6	4
		UNIT 3: CALCULUS Chapter 5: Continuity	10	2
JUNE	18	Differentiation UNIT 3: CALCULUS	5	2
		Chapter 6: Application of Derivatives :	15	10
		Revision for I Unit Test	4	
JULY	26	Revision & I Unit Test UNIT 3: CALCULUS	6	
		Chapter 7: Integrals	15	8
		Chapter 8: Application of Integrals	6	6
AUGUST	21	UNIT 3: CALCULUS Chapter 9: Differential Equations	12	7
		UNIT 5: LPP Chapter 12: Linear Programming Problem	6	5
		UNIT 1: RELATIONS AND FUNCTIONS Chapter 1: Relations & Functions	8	4

Month	No.of Teaching Days	Topics	No.of periods	Weightage
SEPTEMBER	17	<u>UNIT 4: VECTOR ALGEBRA</u> Chapter 10: Vectors Revision and I Terminal Examination	6 17	4
OCTOBER	18	<u>UNIT 4: VECTOR ALGEBRA</u> Chapter 11: 3D –Geometry <u>UNIT 6: PROBABILITY</u> Chapter :13 Probability: Conditional Probability, Baye' s Theorem	12 12	10 4
NOVEMBER	23	<u>UNIT 6: PROBABILITY</u> Chapter :13 Random Variable :Mean and Variance Revision & Preparatory Examination(FULL PORTION)	7 6 7	4
DECEMBER	18	Revision & Preliminary Examination	10 8	
JANUARY	24	Revision for Annual Examination	24	
FEBRUARY	12	Revision for Board Examination	12	
Total	207		234	80