



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 PLAN (2017-2018)

SUBJECT- MATHEMATICS

STD:XI

Month	No.of Teaching Days	Topics	No.of periods	Weightage
APRIL	7	<u>UNIT 1 :SETS & FUNCTIONS</u> Chapter : 1 Sets	6	4
		Chapter : 2 Relations	2	3
JUNE	24	<u>UNIT 1 :SETS & FUNCTIONS</u> Functions	6	2
		Chapter : 3 Trigonometric Functions	16	14
		<u>UNIT 2 :ALGEBRA</u> Chapter : 6 Linear Inequalities	4	6
		Revision & I Unit Test	4	
JULY	25	Revision & I Unit Test	8	
		<u>UNIT 4 : CALCULUS</u> Chapter :13		8
		Limits & derivatives	10	
		Chapter : 4 Mathematical Induction	5	6
		<u>UNIT2 :ALGEBRA</u> Chapter : 5 Complex Numbers	10	5
AUGUST	17	<u>UNIT2 :ALGEBRA</u> Chapter : 7 Permutations & Combinations	10	5
		Chapter:8 Binomial Theorem	9	6
		Revision and Term Exam	14	
SEPTEMBER	22	<u>UNIT 6:</u> Chapter :16 Probability	8	5
		<u>UNIT 3: COORDINATE GEOMETRY</u> Chapter : 10		
		Straight Lines	10	10

Month	No.of Teaching Days	Topics	No.of periods	Weightage
OCTOBER	12	<u>UNIT 3: COORDINATE GEOMETRY</u> Chapter: 12 3-Dimensional Geometry	5	4
		<u>UNIT 2 :ALGEBRA</u> Chapter :9 Sequences and Series	12	10
NOVEMBER	24	<u>UNIT 3: COORDINATE GEOMETRY</u> Chapter :11 Conic Sections	10	4
		<u>UNIT 5: MATHEMATICAL REASONING</u> Chapter: 14 Mathematical Reasoning Revision & II Unit test	5 8	2
DECEMBER	23	Revision & II Unit test	12	
		<u>UNIT 6: STATISTICS & PROBABILITY</u> Chapter :15 Statistics Revision for Preliminary Examination	6 7	6
JANUARY	24	Revision & Preliminary Examination Revision & Annual Examination	27	
FEBRUARY	18	Revision & Annual Examination	21	
Total	196		210	100