

DON BOSCO SCHOOL, ALAKNANDA
SYLLABUS 2017-18

CLASS: XI

SUBJECT: MATHEMATICS

TERM I

PERIODIC TEST I / QUARTERLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1	SETS
2	RELATIONS AND FUNCTIONS
3	PRINCIPLE OF MATHEMATICAL INDUCTION
4	TRIGONOMETRIC FUNCTIONS
ACTIVITY	
1	PROJECT WORK - SETS

PERIODIC TEST II / HALF YEARLY EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
1	SETS
2	RELATIONS AND FUNCTIONS
3	PRINCIPLE OF MATHEMATICAL INDUCTION
4	TRIGONOMETRIC FUNCTIONS
5	COMPLEX NUMBERS & QUADRATIC EQUATIONS
6	LINEAR INEQUALITIES
7	PERMUTATIONS AND COMBINATIONS
8	BINOMIAL THEOREM

TERM II

PERIODIC TEST III / PRE-ANNUAL EXAMS	
CHAPTER NO.	TITLE OF THE CHAPTER
9	SEQUENCE AND SERIES
10	STRAIGHT LINES
11	CONIC SECTIONS
12	3D GEOMETRY
13	MATHEMATICAL REASONING
14	STATISTICS
15	PROBABILITY
16	LIMITS
ACTIVITY	
1	MATHEMATICS OLYMPIAD

ANNUAL EXAMS	
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1	SETS
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16	LIMITS AND DERIVATIVES