Maharashtra State Board of Higher Secondary Education

Syllabus for 11th standard (Arts and Science)

Subject : Mathematics (40)

Paper – I

Sr. No.	Name of the Chapter
1	Angle and its measurement
2	Trigonometry - I
3	Trigonometry -II
4	Determinants and Matrices
5	Straight Line
6	Circle
7	Conic Sections
8	Measures of Dispersion
9	Probability

Paper - II

Sr. No.	Name of the Chapter
1	Complex Numbers
2	Sequences and Series
3	Permutations and Combinations
4	Methods of Induction and Binomial Theorem
5	Sets and Relations
6	Functions
7	Limits
8	Continuity
9	Differentiation

Syllabus for 12th standard (Arts and Science)

Paper – I

Sr. No.	Name of the Chapter
1	Mathematical Logic
2	Matrices
3	Trigonometric Functions
4	Pair of Straight Lines
5	Vectors
6	Line and Plane
7	Linear Programming

Paper - II

Sr. No.	Name of the Chapter
1	Differentiation
2	Applications of Derivatives
3	Indefinite Integration
4	Definite Integration
5	Application of Definite Integration
6	Differential Equations
7	Probability Distributions
8	Binomial Distributions