DECUCTED PORTION
MATHEMATICS Code - 041
CLASS IX

CHAPTER	TOPICS REMOVED
UNIT I-NUMBER SYSTEMS	
REAL NUMBERS	• Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. • Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. • Definition of nth root of a real number.
UNIT II-ALGEBRA	
POLYNOMIALS	• Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. • $x^3+y^3+z^3-3xyz$
LINEAR EQUATIONS IN TWO VARIABLES	• Examples, problems on Ratio and Proportion
UNIT III-COORDINATE GEOMETRY	
COORDINATE GEOMETRY	No deletion
UNIT IV-GEOMETRY	
INTRODUCTION TO EUCLID'S GEOMETRY	Delete the Chapter
LINES AND ANGLES	No deletion
TRIANGLES	• Proof of the theorem deleted- Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). • Topic Deleted-Triangle inequalities and relation between 'angle and facing side' inequalities in triangles
QUADRILATERALS	No deletion
AREA	Delete the Chapter
CIRCLES	• There is one and only one circle passing through three given non-collinear points. • If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.
CONSTRUCTIONS	• Construction of a triangle of given perimeter and base angles
UNIT V-MENSURATION	
AREAS	• Application of Heron's Formula in finding the area of a quadrilateral.
SURFACE AREAS AND VOLUMES	No deletion
UNIT VI-STATISTICS & PROBABILITY	
STATISTICS	• Histograms (with varying base lengths), • Frequency polygons. • Mean, median and mode of ungrouped data.
PROBABILITY	No deletion

CLASS X

CHAPTER	TOPICS REMOVED
UNIT I-NUMBER SYSTEMS	
REAL NUMBERS	Euclid's division lemma
UNIT II-ALGEBRA	
POLYNOMIALS	Statement and simple problems on division algorithm for polynomials with real coefficients.
PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	cross multiplication method
QUADRATIC EQUATIONS	Situational problems based on equations **reducible to quadratic equations**
ARITHMETIC PROGRESSIONS	Application in solving daily life problems **based on sum to n terms**
UNIT III-COORDINATE GEOMETRY	
COORDINATE GEOMETRY	Area of a triangle.
UNIT IV-GEOMETRY	
TRIANGLES	Proof of the following theorems are deleted The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides. In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angle opposite to the first side is a right angle.
CIRCLES	No deletion
CONSTRUCTIONS	Construction of a triangle similar to a given triangle.
UNIT V- TRIGONOMETRY	
INTRODUCTION TO TRIGONOMETRY	motivate the ratios whichever are defined at 0^o and 90^o
TRIGONOMETRIC IDENTITIES	Trigonometric ratios of complementary angles.
HEIGHTS AND DISTANCES	No deletion
UNIT VI-MENSURATION	
AREAS RELATED TO CIRCLES	Problems on central angle of 120°
SURFACE AREAS AND VOLUMES	Frustum of a cone.
UNIT VI-STATISTICS & PROBABILITY	
STATISTICS	Step deviation Method for finding the mean Cumulative Frequency graph
PROBABILITY	No deletion