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MATHEMATICS

CLASS Xth

DECUCTED PORTION

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