Class – X
DELETED SYLLABUS
(For the Session of 2020-21 Only)
MATHEMATICS
(THEORY)

UNIT I : NUMBER SYSTEMS

1.   REAL NUMBERS
Euclid's division lemma.

UNIT II : ALGEBRA

1.   POLYNOMIALS
Statement and simple problems on division algorithm for polynomials with real coefficients.

2.   PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
Cross multiplication.

UNIT III : TRIGONOMETRY

1.   INTRODUCTION TO TRIGONOMETRY
Motivate the ratios, whichever are defined at 0° & 90°

2.   TRIGONOMETRIC IDENTITIES
Trigonometric ratios of complementary angles.

UNIT IV : COORDINATE GEOMETRY

1.   LINES (In two-dimensions)
Area of a triangle.

UNIT V : GEOMETRY

1.   TRIANGLES
- (Prove) The ratio of the areas of two similar triangles is equal to the ratio of the squares on their corresponding sides.
- (Prove) In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angles opposite to the first side is a right traingle.

3.   CONSTRUCTIONS
- Construction of a triangle similar to a given triangle.

UNIT VI : MENSURATION

1.   AREAS RELATED TO CIRCLES
120^{0}

2.   SURFACE AREAS AND VOLUMES
(i) Frustum of a cone.

UNIT VII : STATISTICS AND PROBABILITY

1.   STATISTICS
Cumulative frequency graph.