Gujarat Board Class 10th Maths Syllabus 2024-25	
Chapter & Solutions	**Topics**
Real Numbers	Euclid's Division Lemma, The Fundamental Theorem of Arithmetic, Revisiting Irrational Numbers, Revisiting Rational Numbers and Their Decimal Expansions
Polynomials	Zeros of a Polynomial, Relationship between Zeros and Coefficients of Quadratic Polynomials, Statement and Simple Problems on Division Algorithms for Polynomials with Real Coefficients
Pair of Linear Equations in Two Variables	Pair of Linear Equations in Two Variables, Graphical Method of Solution of a Pair of Linear Equations, Algebraic Methods of Solving a Pair of Linear Equations, Elimination Method, Cross-Multiplication Method, Equations Reducible to a Pair of Linear Equations in Two Variables
Quadratic Equations	Quadratic Equations, A Solution of a Quadratic Equation by Factorisation, A Solution of a Quadratic Equation by Completing the Square, Nature of Roots
Arithmetic Progressions	Arithmetic Progressions, The nth Term of an AP, Sum of First n Terms of an AP
Triangles	Similar Figures, Similarity of Triangles, Criteria for Similarity of Triangles, Areas of Similar Triangles, Pythagoras Theorem
Coordinate Geometry	Distance Formula, Section Formula, Area of a Triangle
Introduction to Trigonometry	Trigonometric Ratios, Trigonometric Ratios of Some Specific Angles, Trigonometric Ratios of Complementary Angles, Trigonometric Identities
Some Applications of Trigonometry	Heights and Distances

Circles	Tangent to a Circle, Number of Tangents from a Point on a Circle
Constructions	Division of a Line Segment, Construction of Tangents to a Circle
Areas Related to Circles	Perimeter and Area of a Circle, Areas of Sector and Segment of a Circle, Areas of Combinations of Plane Figures
Surface Areas and Volumes	The Surface Area of a Combination of Solids, The Volume of a Combination of Solids, the Conversion of Solid from One Shape to Another, Frustum of a Cone
Statistics	Mean of Grouped Data, Mode of Grouped Data, Median of Grouped Data, Graphical Representation of Cumulative Frequency Distribution
Probability	Probability: A Theoretical Approach