Maths Lecture Planner

S.No.	Chapter	Topics	Lecture No.	Date
1	Triangles	Introduction, Concept of Similar Figures	1	Monday, January 12, 2026
2	Triangles	Similarity of Triangles, Basic Proportionality Theorem and Converse, Problem Discussion	2	Tuesday, January 13, 2026
3	Triangles	Criteria for Similarity of Triangles, Theorems Related to Similarity of Triangles	3	Wednesday January 14, 2026
4	Trigonometry	Introduction to Trigonometric Ratios	1	Thursday, January 15, 2026
5	Trigonometry	Relation between Trigonometric Ratios	2	Friday , January 16, 2026
6	Trigonometry	Trigonometric Ratios of Some Specific Angles	3	Saturday, January 17, 2026
7	Trigonometry	Trigonometric Ratios for Some Specific Angles, Problems	4	Sunday, January 18, 2026
8	PYQs	Year wise PYQs	1	Monday, January 19, 2026
9	Polynomials	Basic Introduction to Polynomials, Zeros of a Polynomial, Geometrical Meaning of Zeros of Polynomial, Relationship between Zeros and Coefficients of a Polynomial, Quadratic and Cubic Polynomials, Problems	1	Tuesday, January 20, 2026
10	Polynomials	Finding a Quadratic Polynomial when Sum and Product of its Zeros are Given, Division Algorithm, Long Division Method	2	Wednesday, January 21 , 2026
11	Pair of Linear Equations in Two Variables	Introduction, Graphical Representation, Conditions for Solvability	1	Thursday, January 22, 2026
12	Pair of Linear Equations in Two Variables	Algebraic Methods of Solving a Pair of Linear Equations, Substitution Method, Elimination Method	2	Friday, January 23, 2026
13	Pair of Linear Equations in Two Variables	Cross Multiplication Method, Equations Reducible to Pair of Linear Equations	3	Saturday, January 24, 2026
14	Quadratic Equations	Introduction to Quadratic Equations, Roots of a Quadratic Equation, Graphical Representation	1	Sunday , January 25, 2026

15	Quadratic Equations	Method of Solving Quadratic Equation, Factorisation Method	2	Monday, January 26, 2026
16	Quadratic Equations	Quadratic Formula Method, Discriminant, Nature of Roots of a Quadratic Equation	3	Tuesday, January 27, 2026
17	Arithmetic Progressions	Introduction to Arithmetic Progression, Basic Terminologies, General Form of AP	1	Wednesday, January 28, 2026
18	Arithmetic Progressions	nth Term Formula and Related Problems	2	Thursday, January 29, 2026
19	Arithmetic Progressions	Sum of n Terms of an AP	3	Friday, January 30, 2026
20	—	Doubt Session	2	Friday, January 30, 2026
21	Some Applications of Trigonometry	Introduction, Angle of Elevation and Depression	1	Saturday, January 31, 2026
22	Some Applications of Trigonometry	Advanced Level Word Problems Discussion	2	Saturday, January 31, 2026
23	Coordinate Geometry	Introduction, Recalling Basics, Distance Formula, Section Formula, Mid-point Formula	1	Sunday, February 1, 2026
24	Coordinate Geometry	Area of Triangles, Centroid of a Triangle, Important Questions	2	Monday, February 2, 2026
25	Real Numbers	Basics, Fundamental Theorem of Arithmetic, HCF and LCM using Prime Factorisation Method	1	Tuesday, February 3, 2026
26	Real Numbers	Revisiting Irrational Numbers, Euclid's Division Lemma, Decimal Expansion of Rational Numbers	2	Tuesday, February 3, 2026
27	Circles	Introduction, Tangents to a Circle	1	Wednesday, February 4, 2026
28	Circles	Tangent and Related Theorems	2	Wednesday, February 4, 2026
29	Circles	Number of Tangents from a Point on a Circle	3	Thursday, February 5, 2026
30	—	Doubt Session	1	Thursday, February 5, 2026
31	Area Related to Circles	Introduction, Perimeter and Area of a Circle, Area of Circular Ring	1	Friday, February 6, 2026
32	Area Related to Circles	Area of Sector of a Circle, Area of Segment of a Circle, Problems	2	Friday, February 6, 2026
33	Surface Area and Volumes	Introduction, Cube, Cuboid, Cylinder, Cone, Sphere, Hemisphere	1	Saturday, February 7, 2026
34	Surface Area and Volumes	Surface Area and Volume of Combination of Solids	2	Saturday, February 7, 2026

35	Surface Area and Volumes	Advanced Level Word Problems	3	Sunday, February 8, 2026
36	Statistics	Introduction, Types of Data, Mean using Direct Method, Assumed Mean Method, Step Deviation Method, Median and Mode	1	Sunday, February 8, 2026
37	Probability	Introduction, Experimental Probability, Theoretical Probability, Problems	1	Monday, February 9, 2026
38	Revision Session	-	1	Monday, February 9, 2026
39	Revision Session	-	2	Tuesday, February 10, 2026
40	Revision Session	-	3	Tuesday, February 10, 2026