

DVD No.	Sr. No.	Chapter	Chapter Details	Exercise	Duration
1	1.	Real Numbers	1.1 Introduction 1.2 Euclid's Division Lemma 1.3 The Fundamental Theorem of Arithmetic 1.4 Revisiting Irrational Numbers 1.5 Revisiting Rational Numbers and Their Decimal Expansions 1.6 Summary	Exercise 1.1 Exercise 1.2 Exercise 1.3 & 1.4	00h:43m:35s 00h:34m:29s 00h:28m:18s
1	2.	Polynomials	2.1 Introduction 2.2 Geometrical Meaning of the Zeroes of a Polynomial 2.3 Relationship between Zeroes and Coefficients of a Polynomial	Exercise 2.1 Exercise 2.2	00h:42m:14s 01h:04m:59s
2	2.	Polynomials	2.4 Division Algorithm for Polynomials 2.5 Summary	Exercise 2.3 Exercise 2.4(Opt) Additional Ques.	00h:51m:20s 00h:35m:14s 00h:19m:59s
2	3.	Pair of Linear Equations in Two Variables	3.1 Introduction 3.2 Pair of Linear Equations in Two Variables 3.3 Graphical Method of Solution of a Pair of Linear Equations	Exercise 3.1 Exercise 3.2(Q.1-2)	01h:08m:03s 00h:34m:08s
3	3.	Pair of Linear Equations in Two Variables	3.4 Algebraic Methods of Solving a Pair of Linear Equations 3.4.1 Substitution Method 3.4.2 Elimination Method	Exercise 3.2(Q.3-7) Exercise 3.3 Exercise 3.4	00h:52m:09s 01h:17m:22s 01h:17m:23s
4	3.	Pair of Linear Equations in Two Variables	3.4.3 Cross-Multiplication Method 3.5 Equations Reducible to a Pair of Linear Equations in Two Variables	Exercise 3.5 Exercise 3.6 Exercise 3.7 (Q.1-7)	01h:23m:55s 01h:12m:55s 00h:50m:34s

5	3.	Pair of Linear Equations in Two Variables	3.6 Summary	Exercise 3.7 (Q.7-8) Additional Ques.	00h:24m:15s 00h:26m:25s
5	4.	Quadratic Equations	4.1 Introduction 4.2 Quadratic Equations 4.3 Solution of a Quadratic Equation by Factorization	Exercise 4.1 Exercise 4.2 Exercise 4.3(Q.1-4)	00h:48m:39s 00h:52m:39s 00h:54m:17s
6	4.	Quadratic Equations	4.4 Solution of a Quadratic Equation by Completing the Square 4.5 Nature of Roots 4.6 Summary	Exercise 4.3(Q.5-11) Exercise 4.4	00h:50m:09s 00h:28m:15s
6	5.	Arithmetic Progressions	5.1 Introduction 5.2 Arithmetic Progressions	Basic 5.1 Exercise 5.1 Exercise 5.2(Q.1-4)	00h:27m:10s 01h:08m:49s 00h:36m:27s
7	5.	Arithmetic Progressions	5.3 n th Term of an AP 5.4 Sum of First n Terms of an AP	Exercise 5.2(Q.5-8) Exercise 5.2(Q.9-20) Exercise 5.3(Q.1-9) Exercise 5.3(Q.10-20)	00h:22m:24s 00h:56m:41s 01h:25m:45s 00h:54m:10s
8	5.	Arithmetic Progressions	5.5 Summary	Exercise 5.4 (Opt.)* Add. Ques.	00h:23m:45s 00h:19m:00s
8	6.	Triangles	6.1 Introduction 6.2 Similar Figures 6.3 Similarity of Triangle	Exercise 6.1 Exercise 6.2 Exercise 6.3(Q.1-6)	00h:30m:55s 01h:14m:25s 01h:00m:46s

9	6	Triangles	6.4 Criteria for Similarity of Triangles 6.5 Areas of Similar Triangles 6.6 Pythagoras Theorem	Exercise 6.3(Q.7-16) Exercise 6.4 Exercise 6.5(Q.1-8) Exercise 6.5(Q.9-17)	00h:59m:49s 00h:48m:19s 00h:55m:30s 00h:50m:46s
10	6	Triangles	6.7 Summary	Exercise 6.6 (Opt.)	01h:10m:16s
10	7.	Coordinate Geometry	7.1 Introduction 7.2 Distance Formula	Exercise 7.1(Q.1-5) Exercise 7.1(Q.6-10)	00h:49m:19s 00h:49m:29s
11	7.	Coordinate Geometry	7.3 Section Formula 7.4 Area of a Triangle 7.5 Summary	Exercise 7.2 Exercise 7.3 Exercise 7.4 Add. Ques.	01h:12m:23s 00h:51m:16s 00h:41m:13s 00h:21m:11s
12	8.	Introduction to Trigonometry	8.1 Introduction 8.2 Trigonometric Ratios 8.3 Trigonometric Ratios of Some Specific Angles	Basic 8.1 Exercise 8.1 Exercise 8.2	00h:29m:37s 01h:23m:23s 01h:35m:05s
13	8	Introduction to Trigonometry	8.4 Trigonometric Ratios of Complementary Angles 8.5 Trigonometric Identities 8.6 Summary	Exercise 8.3 Exercise 8.4 (Opt.) Additional Ques.	00h:38m:30s 01h:11m:26s 00h:20m:20s
	9.	Some Applications of Trigonometry	9.1 Introduction 9.2 Heights and Distances	Basic 9.1 Exercise 9.1(Q.1-9)	00h:22m:53s 01h:12m:21s
14	9.	Some Applications of Trigonometry	9.3 Summary	Exercise 9.1(Q.10-16) Additional Ques.	01h:04m:51s 01h:30m:30s
14	10.	Circles	10.1 Introduction 10.2 Tangent to a Circle	Exercise 10.1 Exercise 10.2(Q.1-7)	00h:31m:21s 00h:42m:33s

			10.3 Number of Tangents from a Point on a Circle 10.4 Summary	Exercise 10.2(Q.8-13)	00h:45m:48s
15	11.	Constructions	11.1 Introduction 11.2 Division of a Line Segment 11.3 Construction of Tangents to a Circle 11.4 Summary	Exercise 11.1 Exercise 11.2 Exercise 12.1	01h:36m:21s 01h:09m:39s 00h:43m:53s
16	12.	Areas Related to Circles	12.1 Introduction 12.2 Perimeter and Area of a Circle — A Review 12.3 Areas of Sector and Segment of a Circle 12.4 Areas of Combinations of Plane Figures 12.5 Summary	Exercise 12.2(Q.1-7) Exercise 12.2(Q.8-14) Exercise 12.3(Q.1-8) Exercise 12.3(Q.8-16)	00h:46m:27s 00h:42m:18s 00h:53m:15s 00h:52m:21s
17	13.	Surface Areas and Volumes	13.1 Introduction 13.2 Surface Area of a Combination of Solids 13.3 Volume of a Combination of Solids	Basic 13 Exercise 13.1 Exercise 13.2	01h:04m:49s 01h:14m:38s 00h:58m:39s
18	13.	Surface Areas and Volumes	13.4 Conversion of Solid from One Shape to Another 13.5 Frustum of a Cone 13.6 Summary	Exercise 13.3 Exercise 13.4 Exercise 13.5 (Opt.)	01h:03m:46s 00h:31m:29s 01h:01m:43s
19	14.	Statistics	14.1 Introduction 14.2 Mean of Grouped Data 14.3 Mode of Grouped Data 14.4 Median of Grouped Data 14.5 Graphical Representation of Cumulative Frequency Distribution 14.6 Summary	Exercise 14.1 Exercise 14.2 Exercise 14.3 Exercise 14.4 Additional Ques.	01h:02m:34s 00h:45m:15s 01h:49m:51s 00h:21m:37s 00h:10m:08s



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20	15.	Probability	15.1 Introduction 15.2 Probability — A Theoretical Approach 15.3 Summary	Basic 15 Exercise 15.1 Exercise 15.1 Exercise 15.2 (Opt.)	00h:41m:03s 00h:49m:31s 01h:46m:25s 00h:28m:00s
** Total No. of DVD: 20 ** No. of Solved Questions : 780 ** Total Duration: 67hours:24Minutes:28Seconds					