

DVD No.	Chapter	Chapter Details	Basic/Exercise	Duration
1	1. NUMBER SYSTEMS	1.1 Introduction	Basic/Exercise 1.1	00h:33m:47s
		1.2 Irrational Numbers	Basic/Exercise 1.2	00h:31m:28s
		1.3 Real Numbers and their Decimal Expansions	Basic/Exercise 1.3	00h:59m:43s
		1.4 Representing Real Numbers on the Number Line	Basic/Exercise 1.4	00h:17m:59s
		1.5 Operations on Real Numbers	Basic/Exercise 1.5	00h:35m:01s
		1.6 Laws of Exponents for Real Numbers	Basic/Exercise 1.6	00h:13m:16s
		1.7 Summary		
2	2. POLYNOMIALS	2.1 Introduction	Basic/Exercise 2.1	00h:36m:26s
		2.2 Polynomials in One Variable	Basic/Exercise 2.2	00h:26m:10s
		2.3 Zeroes of a Polynomial	Basic/Exercise 2.3	00h:23m:57s
		2.4 Remainder Theorem	Basic/Exercise 2.4	01h:03m:23s
		2.5 Factorization of Polynomials	Basic/Exercise 2.5(i)	00h:51m:23s
3	2. POLYNOMIALS	2.6 Algebraic Identities	Basic/Exercise 2.5(ii)	00h:45m:53s
		2.7 Summary		
	3. COORDINATE GEOMETRY	3.1 Introduction	Basic	00h:28m:46s
		3.2 Cartesian System	Exercise 3.1, 3.2, 3.3	00h:25m:46s
		3.3 Plotting a Point in the Plane if its Coordinates are given		
		3.4 Summary		
4. LINEAR EQUATIONS IN TWO VARIABLES	4.1 Introduction	Basic/Exercise 4.1	00h:20m:33s	
	4.2 Linear Equations	Basic/Exercise 4.2	00h:22m:01s	
	4.3 Solution of a Linear Equation	Basic/Exercise 4.3	01h:07m:20s	
	4.4 Graph of a Linear Equation in Two Variables	Basic/Exercise 4.4	00h:12m:04s	
	4.5 Equations of Lines Parallel to x -axis and y -axis			
	4.6 Summary			

4	5. INTRODUCTION TO EUCLID'S GEOMETRY	5.1 Introduction 78 5.2 Euclid's Definitions, Axioms and Postulates 80 5.3 Equivalent Versions of Euclid's Fifth Postulate 86 5.4 Summary	Basic/Exercise 5.1 & 5.2	00h:36m:24s
	6. LINES AND ANGLES	6.1 Introduction 6.2 Basic Terms and Definitions 6.3 Intersecting Lines and Non-intersecting Lines 6.4 Pairs of Angles 6.5 Parallel Lines and a Transversal 6.6 Lines Parallel to the same Line 6.7 Angle Sum Property of a Triangle 6.8 Summary	Basic Exercise 6.1 Basic/Exercise 6.2 Basic/Exercise 6.3	00h:38m:39s 00h:27m:13s 00h:33m:00s 00h:20m:40s
5	7. TRIANGLES	7.1 Introduction 7.2 Congruence of Triangles 7.3 Criteria for Congruence of Triangles 7.4 Some Properties of a Triangle 7.5 Some More Criteria for Congruence of Triangles 7.6 Inequalities in a Triangle 7.7 Summary	Basic/Exercise 7.1 Basic/Exercise 7.2 Basic/Exercise 7.3 Basic/Exercise 7.4 Basic/Exercise 7.5	01h:13m:15s 00h:49m:33s 00h:35m:27s 00h:33m:32s 00h:13m:14s
6	8. QUADRILATERALS	8.1 Introduction 8.2 Angle Sum Property of a Quadrilateral 8.3 Types of Quadrilaterals 8.4 Properties of a Parallelogram 8.5 Another Condition for a Quadrilateral to be a Parallelogram 8.6 The Mid-point Theorem 8.7 Summary	Basic Exercise 8.1 Basic/Exercise 8.2	00h:38m:25s 01h:18m:12s 00h:49m:21s

7	9. AREAS OF FIGURES AND TRIANGLES	9.1 Introduction 9.2 Figures on the same Base and Between the same Parallels 9.3 Parallelograms on the same Base and between the same Parallels 9.4 Triangles on the same Base and between the same Parallels	Basic/Exercise 9.1 Basic/Exercise 9.2 Basic/Exercise 9.3(i) Basic/Exercise 9.3(ii)	00h:13m:42s 00h:52m:20s 00h:54m:00s 01h:04m:14s
	9. AREAS OF FIGURES AND TRIANGLES	9.5 Summary	Basic/Exercise 9.4(i) Basic/Exercise 9.4(ii)	00h:45m:23s 00h:51m:04s
8	10. CIRCLES	10.1 Introduction 10.2 Circles and its Related Terms : A Review 10.3 Angle Subtended by a Chord at a Point 10.4 Perpendicular from the Centre to a Chord 10.5 Circle through Three Points	Basic/Exercise 10.1 Basic/Exercise 10.2 Basic/Exercise 10.3 Basic/Exercise 10.4	00h:23m:27s 00h:11m:09s 00h:26m:32s 01h:36m:57s
	10. CIRCLES	10.6 Equal Chords and their Distances from the Centre 10.7 Angle Subtended by an Arc of a Circle 10.8 Cyclic Quadrilaterals 10.9 Summary	Basic/Exercise 10.5 Basic/Exercise 10.6	01h:09m:33s 00h:57m:25s
9	11. CONSTRUCTIONS	11.1 Introduction 11.2 Basic Constructions	Basic/Exercise 11.1	00h:48m:06s
	11. CONSTRUCTIONS	11.3 Some Constructions of Triangles 11.4 Summary	Basic/Exercise 11.2	00h:59m:39s
10	12. HERON'S FORMULA	12.1 Introduction 12.2 Area of a Triangle – by Heron's Formula 12.3 Application of Heron's Formula in finding Areas of Quadrilaterals 12.4 Summary	Basic/Exercise 12.1 Basic/Exercise 12.2	00h:55m:59s 01h:04m:02s

11	13. SURFACE AREAS AND VOLUMES	13.1 Introduction 13.2 Surface Area of a Cuboid and a Cube 13.3 Surface Area of a Right Circular Cylinder 13.4 Surface Area of a Right Circular Cone	Formula Summary Basic/Exercise 13.1 Basic/Exercise 13.2 Basic/Exercise 13.3	00h:08m:48s 01h:25m:39s 01h:22m:59s 00h:42m:33s
12	13. SURFACE AREAS AND VOLUMES	13.5 Surface Area of a Sphere 13.6 Volume of a Cuboid 13.7 Volume of a Cylinder 13.8 Volume of a Right Circular Cone 13.9 Volume of a Sphere	Basic/Exercise 13.4 Basic/Exercise 13.5 Basic/Exercise 13.6 Basic/Exercise 13.7 Basic/Exercise 13.8	00h:47m:51s 00h:31m:16s 00h:41m:27s 00h:39m:01s 00h:44m:50s
13	13. SURFACE AREAS AND VOLUMES	10.10 Summary	Basic/Exercise 13.9	00h:31m:21s
	14. STATISTICS	14.1 Introduction 14.2 Collection of Data 14.3 Presentation of Data 14.4 Geographical Representation of Data 14.5 Measures of Central Tendency 14.6 Summary	Basic/Exercise 14.1 Basic/Exercise 14.2 Basic/Exercise 14.3 Basic/Exercise 14.4	00h:08m:17s 00h:52m:16s 00h:59m:49s 00h:41m:34s
14	15. PROBABILITY	15.1 Introduction 15.2 Probability – an Experimental Approach 15.3 Summary	Basic Exercise 15.1	00h:40m:56s 00h:42m:57s

**** Total No. of DVD: 14 ** No. of Solved Questions :660 ** Total Duration: 42 hours:45 Minutes:05 Seconds**