

CONTENTS

Chapter 1. Compound Interest	1-25
Exercise 1 (A)	4
Exercise 1 (B)	10
Exercise 1 (C)	21
Chapter 2. Sales Tax and Value Added Tax (VAT)	26-33
Exercise 2 (A)	26
Exercise 2 (B)	32
Chapter 3. Banking	34-46
Exercise 3 (A)	34
Exercise 3 (B)	42
Chapter 4. Shares and Dividend	47-54
Exercise 4	47
Chapter 5. Linear Inequations	55-61
Exercise 5	55
Chapter 6. Quadratic Equations	62-86
Exercise 6 (A)	63
Exercise 6 (B)	77
Exercise 6 (C)	83
Chapter 7. Problems on Quadratic Equations	87-103
Exercise 7	87
Chapter 8. Ratio	104-124
Exercise 8 (A)	107
Exercise 8 (B)	122
Chapter 9. Proportion	125-140
Exercise 9 (A)	125
Exercise 9 (B)	136
Chapter 10. Factor Theorem	141-151
Exercise 10 (A)	142
Exercise 10 (B)	144
Chapter 11. Matrices	152-173
Exercise 11 (A)	154
Exercise 11 (B)	155
Exercise 11 (C)	160
Chapter 12. Reflection	174-183
Exercise 12 (A)	177
Exercise 12 (B)	178
Chapter 13. Distance and Section Formulae	184-213
Exercise 13 (A)	186
Exercise 13 (B)	199

Chapter 14. Equation of a Straight Line	214-243
Exercise 14 (A)	218
Exercise 14 (B)	229
Chapter 15. Symmetry	244-254
Exercise 15	247
Chapter 16. Similarity (As a Size Transformation)	255-259
Exercise 16	257
Chapter 17. Similarity of Triangles	260-271
Exercise 17	264
Chapter 18. Loci	272-284
Exercise 18	276
Chapter 19. Chord Properties of a Circle	285-303
Exercise 19	291
Chapter 20. Angle Properties of a Circle	304-330
Exercise 20 (A)	312
Exercise 20 (B)	325
Chapter 21. Tangent Properties of Circle	331-352
Exercise 21 (A)	336
Exercise 21 (B)	347
Chapter 22. Constructions	353-361
Exercise 22 (A)	353
Exercise 22 (B)	355
Chapter 23. Circumference and Area of a Circle	362-378
Exercise 23	364
Chapter 24. Cone and Sphere	379-402
Exercise 24 (A)	381
Exercise 24 (B)	390
Chapter 25. Trigonometrical Identities	403-427
Exercise 25 (A)	406
Exercise 25 (B)	419
Exercise 25 (C)	425
Chapter 26. Heights and Distance	428-445
Exercise 26	428
Chapter 27. Graphical Representation of Statistical Data	446-457
Exercise 27	447
Chapter 28. Measures of Central Tendency	458-471
Exercise 28	459
Chapter 29. Median, Quartiles and Mode	472-504
Exercise 29 (A)	474
Exercise 29 (B)	482
Exercise 29 (C)	494
Chapter 30. Probability	503-510
Exercise 30 (A)	504
Exercise 30 (B)	506