## CONTENTS

• Pı	revious Year's Solved Paper	
1.	Sets—Cartesian Product of Sets, Relations and Functions	3–12
2.	Complex Numbers	13-31
3.	Quadratic Equations	32-52
4.	Inequalities	53-63
5.	Binomial Theorem	64-83
6.	Sequence and Series.	84-108
7.	Logarithm	109–110
8.	Matrix	111-130
9.	Determinant	131–152
10.	Mathematical Induction.	153–155
11.	Permutations and Combinations	156–174
12.	Probability	175–188
13.	Trigonometric Ratios and Identities	189–215
14.	Trigonometric Equations	216-230
15.	Inverse Trigonometric Functions	231–248
16.	Properties of Triangles	249–274
17.	Heights and Distances.	275–291
18.	Rectangular Cartesian Co-ordinates.	292-310
19.	Straight Lines and Pair of Straight Lines	311–344
20.	Circle	345-352
21.	Parabola	353–359
22.	Ellipse	360-364
23.	Hyperbola	365–368
24.	Function	369–388
25.	Limits, Continuity and Differentiability	389–415
26.	Differentiation	416–435
27.	Applications of Derivatives	436–455
28.	Indefinite Integration	456–478
29.	Definite Integration	479–504
30.	Differential Equation.	505-506
31.	Vector Algebra	507-528
32.	Three Dimensional Geometry.	529-539
33.	Statistics	540-552
34.	Mathematical Reasoning	553-560