## Contents

## • Previous Years' Papers—Fully Solved

## **Mathematics**

1.	Natural Numbers and Whole Numbers	3–7
2.	Integers	8-11
3.	Sets	12-14
4.	L.C.M. and H.C.F.	15–19
5.	Fractions	20-24
6.	Unitary Method	25–29
7.	Average	30–33
8.	Percentage	34–38
9.	Profit and Loss	39–44
10.	Simple Interest	45–50
11.	Ratio and Proportion	51–53
12.	Area and Perimeter	54–57
13.	Exponents and Radicals	58-59
14.	Algebraic Expressions	60-61
15.	Multiplication of Algebraic Expressions	62-64
16.	To Find the Value of a Given Algebraic Expression	65–66
17.	Identities	67–70
18.	Linear Equation in One Variable	71–74
19.	Line and Angles	75–78
20.	Some Constructions	79–83
21.	Quadrilaterals	84–89
22.	Playing with Numbers	90–95
23.	Statistics	96–101
•	Answers and Hints	02-136
•	Model Test Papers (1–10)	37–176

## General Knowledge

•	General Knowledge	1–17
•	Exercise (1–40)	18–76
•	Answers	77–88
	English Language	
•	Passage (1–35)	3–17
•	Letter Writing.	17–20
•	English Grammar	20–37
	— Articles	20
	— Determiners	21
	— The Clause	22
	— The Tense	24
	— Homonyms	26
	— Active and Passive Voice	27
	— Subject Verb Concord.	28
	— Vocabulary Bag	31
	Cries of Birds and Beasts	32
	Animals and their Young Ones	33
	— One Word Substitution.	33
	Transformation of Sentences	34
•	Exercise (1–29)	37–53
•	Answers	53-68