## **CONTENTS**

PHYSICS		10. Non-Metals and Their Compounds	63-71
1. Measurement	3-10	11. Metallurgy	72-75
2. Mechanics	11-21	12. Organic Compounds	76-85
3. Work, Energy and Power	22-28	13. Biochemistry	86-90
4. Gravitation	29-36	14. Polymers	91-95
5. Properties of Matter	37-44	15. Chemistry in Everyday Life	96-101
6. Heat and Thermodynamics	45-52	BIOLOGY	
7. Optics	53-66	Living World	3-8
8. Electricity	67-76	Plant Kingdom and Morphology	9-15
9. Magnetism	77-81	3. Animal Kingdom	16-24
10. Wave Motion and Sound	82-87	4. Cell and Cell Division	25-33
11. Modern Physics	88-91	5. Tissue	34-41
CUEMICTRY		6. Plant Physiology	42-50
CHEMISTRY		7. Human Physiology	51-70
1. Matter and Its States	3-10	8. Reproduction in Organisms	71-77
2. Atomic Structure	11-18	9. Genetics	78-84
3. Chemical Bonding and Reactions	19-24	10. Evolution	85-88
4. Acid, Base and Salt	25-31	11. Human Diseases	89-99
5. Oxidation and Reduction	32-36	12. Biotechnology	100-104
6. Chemical Thermodynamics		13. Ecosystem, Biodiversity and Pollution	105-116
and Electrochemistry	37-42	14. Economic Zoology	117-121
7. Solutions and Colloids	43-48	15. Economic Botany and Agriculture	
8. Periodic Classification of Elements	49-53	Practices	122-128
9. Metals and Their Compounds	54-62	APPENDICES	1-8