

CONTENTS

I Introduction	1
II The Electronic Basis of Valence	6
III The Aliphatic Hydrocarbons	25
IV Aliphatic halogen Derivatives	36
V Aliphatic Oxygen Derivatives	43
VI Aliphatic Oxygen Derivatives	54
VII Aliphatic Oxygen Derivatives	62
VIII Aliphatic Oxygen Derivatives	74
IX Aliphatic Oxygen Derivatives	83
X Classified Replacement Reactions	94
XI Aliphatic Oxygen Derivatives	99
XII Aliphatic Sulfur Compounds	125
XIII Aliphatic Nitrogen Derivatives	132
XIV Foods and Metabolism	159
XV Non-Metakllic And Metallic Alkyl Derivatives	165
XVI Alicyclic Compounds: Cycloalkanes and CycloAlkenes	171
XVII Aromatic Hydrocarbons : Benzene Naphthalene and Anthracene	174
XIX Aromatic Oxygen Derivatives	189
XX Aromatic Sulfur Derivatives: The Sulfonic Acids	206
XXI Aromatic Nitrogen Compounds	209
XXII Heterocyclic Compounds	220
XXIII Miscellaneous Compounds	228
XXIV Pronunciation And Nomenclature	233
XXV Antiseptics And Germicides	224
XXVI Dyes Pigments Stains and Indicators	250
XXVII Terpenes and Rubber	263
XXVIII Synthetic Resins	270
XXIX Natural and Synthetic Fibers	276
XXX Surface-Active Agents	280
XXXI Isomerism	285
XXXII Alkaloids	291
XXXIII General Anesthesia	299
XXXIV Antibiotic Agents	306
XXXV Processes Reactions Syntheses and Tests	324
XXXVI The Reference Literature of Organic Chemistry Glossary of Terms	391
INDEX	393

