

Contents

<i>Preface</i>	(v)
<i>Acknowledgements</i>	(vii)
1. Atoms, Molecules and Chemical Bonding	1
2. Molecular Structure and Shapes of Organic Molecules ...	5
3. Organic Compounds	11
4. Conformation and Strain in Molecules	17
5. Conjugation and Aromaticity	25
6. Acids and Bases	31
7. Organic Reactions and Concept of Mechanism	37
8. Nucleophilic Addition Reactions	45
9. Nucleophilic Substitution Reactions	53
10. Reactions of Carbonyl Compound	59
11. Haloalkanes	67
12. Alcohols, Ethers, Thiols, Sulfides and Amines	81
13. Alkenes and Alkynes	89
14. Electrophilic Aromatic Substitution	95
15. Polycyclic and Heterocyclic Aromatic Compounds	103
16. Pericyclic Reactions	111
17. Rearrangement Reactions	119
18. Organic Synthesis	129

Contents

19. Chemistry of Biomolecules	137
20. Structural Determination of Organic Compounds.....	145
21. Stereochemistry	153
Bibliography	157