

Contents

<i>Preface</i>	<i>vii</i>
<i>Acknowledgement</i>	<i>ix</i>
<i>Syllabus</i>	<i>xi</i>

Unit 1

1. Introduction.....	1
2. Essential Medicines (Drugs) Concept.....	8
3. Routes of Drug Administration.....	11
4. Pharmacokinetics	16
5. Absorption.....	21
6. Kinetics of Elimination	49

Unit 2

7. Pharmacodynamics.....	57
8. Transducer Mechanisms.....	64
9. Dose-Response Relationship.....	71
10. Factors Modifying Drug Action	80

Unit 3

11. Drugs Acting on the Autonomic Nervous System (ANS)	90
12. Classification of Neurotransmitter.....	97
13. Anticholinergic Drugs.....	106
14. Skeletal Muscle Relaxants (SMRs)	119

Unit 4

15. Neurohumoral Transmission in the Central Nervous System (CNS).....	125
16. Anti-Epileptic Drugs (AEDs).....	138

Unit 5

17. Psycho-pharmacological Agents.....	148
18. Antiparkinsonian Drugs.....	159