Contents

Section I: General Pharmacology

1. General Pharmacology 1

Section II: Autonomic Nervous System

2. General Consideration 9
3. Cholinergic Drugs 11
4. Anticholinergic Drugs 14
5. Skeletal Muscle Relaxants 15
6. Adrenergic and Antiadrenergic Drugs 17

Section III: Central Nervous System

7. Analeptics, Psychostimulant, Nootropic 23
8. Psychopharmacology 25
9. Social Pharmacology 30
10. Alcohol 32
11. Antiparkinsonian Drugs 34
12. Narcotic Analgesics 36
13. Sedative and Hypnotics 39
14. Anti-epileptics 43
15. NSAID 47

Section IV: Anaesthetics

16. Local Anaesthetics 50
17. General Anaesthetics 52

Section V: Autacoids

18. Histamine and Serotonin 55
19. Plasma Kinins and Angiotensin 59
20. Prostaglandins and Leukotrienes 63

Section VI: Respiratory System

21. Cough 66
22. Bronchial Asthma 67

Section VII: Cardiovascular System

23. Drugs in Heart Failure 69
24. Antiarrhythmic Drugs 72
25. Antianginal Drugs 75
26. Antihypertensive Drugs 79
27. Hypolipoproteinemic Drugs 82
28. Plasma Expanders 84

Section VIII: Water, Electrolytes and Drugs Affecting Renal Function

29. Water and Electrolytes 85
30. Diuretics and Antidiuretics 87

Section IX: Drugs Used in Gastrointestinal Tract Disorders

31. Emetics, Anti-emetics, Carminative, Purgatives 92
32. Antipeptic Ulcer Drugs 98

Section X: Haemopoietic System

33. Iron 102
34. Vitamin B_{12} and Folic Acid 104
35. Coagulants and Anticoagulants 108

Section XI: Endocrine System

36. Pituitary 114
37. Thyroid and Antithyroid 118
38. Diabetes Mellitus, Insulin 122
39. Oral Hypoglycaemic Drugs 126
40. Corticosteroids 130
41. Drugs Acting on Calcium Metabolism 133

42. Anabolic Steroids 137
43. Androgens 139
44. Oestrogens 141
45. Progesterone 144
46. Contraceptives 146
47. Drugs Acting on Uterus 150

Section XII: Antimicrobials

48. General Considerations 152
49. Sulfonamides 156
50. Quinolones 158
51. Penicillin 160
52. Cephalosporins 163
53. Tetracyclines 165
54. Aminoglycosides 167
55. Chloramphenicol 170
56. Macrolide Antibiotics 172
57. Urinary Tract Infection 174
58. Antitubercular Drugs 176
59. Antileprotic Drugs 179
60. Sexually Transmitted Disease 181
61. Antimalarial Drugs 183
62. Antiamoebic and Antiprotozoal Drugs 189
63. Antihelmintic Drugs 192
64. Antifungal Antibiotic 194
65. Antiviral Drugs 197
66. Anticancer Drugs 200

Section XIII: Miscellaneous

67. Drugs Used in Gout 205
68. Rheumatoid Arthritis 207
69. Drugs Acting on Skin and Mucous Membrane 209

70. Antiseptics and Disinfectants 212
71. Radioisotopes 214
72. Therapeutic Gases 215
73. Immunosuppressants and Gene Therapy 217
74. Vitamins 219
75. Enzymes in Therapy 222
76. Chelating Agents 223
77. Vaccines and Sera 225

Index 227