

Pharmacy Prep  
**First AID FPGEE**  
Review Book

**2025**

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Foreword by  
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# Content

## Abbreviations

## **Part 1. Biomedical Sciences**

1. Human Anatomy
2. Gastrointestinal System
3. Nervous System
4. Cardiovascular System
5. Endocrine System
6. Renal System
7. Liver Function and Pathophysiology
8. Respiratory System
9. Urinary System
10. The Eye and Ear
11. Blood and Anemia
12. Biochemistry
13. Nutrition
14. Microbiology
15. Cell and Molecular Biology
16. Pharmacogenetics
17. Immunology and Immunizations
18. Biotechnology
19. Toxicology

## **Part 2. Pharmaceutical Sciences**

20. Pharmacokinetics
21. Clinical Pharmacokinetics
22. Pharmacodynamics
23. Basics of Medicinal Chemistry
24. Medicinal Chemistry and Pharmacology of Autonomic Nervous System Drugs.
25. Medicinal Chemistry and Pharmacology of Histamines, Serotonin, Prostaglandin and Non-Steroidal Anti-inflammatory Drugs

26. Medicinal Chemistry and Pharmacology of Cardiovascular Drugs
27. Medicinal Chemistry and Pharmacology of Psychiatric & Neurological Drugs
28. Medicinal Chemistry and Pharmacology Endocrine Drugs
29. Medicinal Chemistry and Pharmacology of Respiratory Drugs
30. Medicinal Chemistry and Pharmacology of Musculoskeletal Drugs
31. Medicinal Chemistry and Pharmacology of Antimicrobial Drugs
32. Drug Metabolism
33. Biopharmaceutics
34. Physical Pharmacy
35. Pharmaceutical Excipient
36. Compounding Non-Sterile and Sterile Preparations
37. Pharmaceutical Dosage Forms
38. Drug Delivery Systems
39. Pharmaceutical Analysis

### **Part 3. Social/Behavioural/Administrative Sciences**

40. US Healthcare System
41. Pharmacy Law and Jurisprudence
42. Social and Behavioural and Cognitive Pharmacy
43. Pharmacy Management
44. Pharmacoeconomics
45. The New Drug Approval Process
46. Pharmacoepidemiology
47. Biostatistics
48. Hospital Pharmacy
49. Sig Codes
50. Basic Pharmacy Math
51. Dilutions
52. Dosage Calculations
53. Electrolyte Solutions
54. Dosage Calculations for Parenteral Medications
55. Special Populations
56. Communication Skills

- 57. Ethics and Professionalism
- 58. Drug Information Resources and Literature Evaluation
- 59. Medication Errors and Patient Safety Practices
- 60. Health Promotion and Disease Prevention
- 61. Medication Dispensing and Distribution
- 62. Order Entry and Processing
- 63. Drug Stability and Storage Conditions

## **Part 4. Clinical Sciences**

- 64. Patient Care and Drug Related Problems
- 65. Adverse Drug Reactions and Management
- 66. Drug Interactions
- 67. Clinical Biochemistry and Therapeutic Drug Monitoring
- 68. Therapeutic Drug Classes
- 69. OTC and Prescription Drugs for Dermatological and Foot Conditions
- 70. OTC and Prescription Drugs for Ophthalmic, Ear and Mouth Disorders
- 71. OTC Drugs Antihistamine, Decongestants, Antitussives, Expectorants
- 72. OTC Drugs for Nausea, Vomiting, Constipation, Diarrhea, Hemorrhoids
- 73. Analgesic and Pain Management
- 74. Asthma and Chronic Obstructive Pulmonary Disease
- 75. Gastrointestinal Conditions
- 76. Diabetes
- 77. Thyroid Disorders
- 78. Gynaecologic and Genitourinary Disorders
- 79. Urologic Disorders
- 80. Osteoarthritis, Rheumatoid and Gout Arthritis
- 81. Osteoporosis
- 82. Hypertension
- 83. Coronary Artery Diseases
- 84. Congestive Heart Failure
- 85. Stroke
- 86. Cardiac Dysarrhythmias
- 87. Peripheral Vascular diseases

- 88. Pain Management
- 89. Depression
- 90. Anxiety Disorder
- 91. Psychosis and Schizophrenia
- 92. Seizure and Epilepsy
- 93. Parkinson Disease
- 94. Dementia
- 95. Infectious Diseases
- 96. Pharmacology of Oncology Drugs
- 97. Carcinogenesis and Neoplasia
- 98. Nutrition and Obesity
- 99. Sleep Related Disorders
- 100. Pharmacognosy and Natural Products