

Pharmacy Prep  
**Evaluating Exam**  
Review Book and Guide

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*Pharmacy Prep*

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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
11. Blood and Anemia
12. Biochemistry
13. Clinical Biochemistry
14. Nutrition
15. Microbiology
16. Cell and Molecular Biology
17. Pharmacogenetics
18. Immunology
19. Immunizations
20. Biotechnology
21. Toxicology

## **Part 2: Pharmaceutical Sciences**

22. Pharmacy Calculations; Ratio and Proportions
23. Pharmacy Calculations; Dilutions and Allegations
24. Pharmacy Calculations; Dose calculations
25. Pharmacokinetics
26. Rates and Orders of Reactions
27. Pharmacodynamics
28. Basics of Medicinal Chemistry
29. Medicinal Chemistry and Pharmacology of Autonomic Nervous System Drugs.
30. Medicinal Chemistry and Pharmacology of Histamines, Serotonin, Prostaglandin and Non-Steroidal Anti-inflammatory Drugs
31. Medicinal Chemistry and Pharmacology of Cardiovascular Drugs
32. Medicinal Chemistry and Pharmacology of Psychiatric & Neurological Drugs
33. Medicinal Chemistry and Pharmacology Endocrine Drugs
34. Medicinal Chemistry and Pharmacology of Respiratory Drugs
35. Medicinal Chemistry and Pharmacology of Musculoskeletal Drugs
36. Medicinal Chemistry and Pharmacology of Antimicrobial Drugs
37. Drug Metabolism
38. Biopharmaceutics
39. Physical Pharmacy
40. Pharmaceutical Excipient
41. Rheology
42. Pharmaceutical Dosage Forms
43. Drug Delivery Systems
44. Sterile Preparations
45. Extemporaneous Pharmaceutical Preparations
46. Pharmaceutical Analysis

## **Part III: Social/Behavioural /Administrative Sciences**

47. Bioethics and Professional Ethics
48. Canadian Healthcare System
49. Canadian Pharmacy Regulations and Administration
50. Social and behavioural aspects of pharmacy profession
51. Pharmacy Operations Management
52. Pharmacoeconomics
53. Drug Information Resources
54. The New Drug Approval Process
55. Basics of Clinical Research and Epidemiology
56. Biostatistics
57. Managing Drug Distribution

## **Part IV: Pharmacy Practice, Therapeutics and OTC Drugs**

58. Brand and Generic Name Indexes
59. Prescription Processing and Medication Dispensing
60. Pharmaceutical Care and Drug Related Problems
61. Safety of Medications in Special Populations
62. Identification and Prevention of Drug Toxicity
63. Professional Pharmacy Communication Skills
64. Adverse Drug Reactions and Management
65. Drug Interactions
66. Therapeutic Drug Monitoring
67. Safe and Effective use of Medications/ Strategies to Prevent Medication Errors
68. Pharmaceutical Preparation Storage Conditions
69. OTC and Prescription Drugs for Dermatological Disorders
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. OTC Drugs as Pain Relievers, Muscle Relaxants, and Topical Analgesics
74. Asthma and Chronic Obstructive Pulmonary Disease (COPD)
75. Smoking cessation

76. Insomnia
77. Eating Disorders
78. GERD, Ulcers, Inflammatory Bowel Disease (IBD) and Irritable Bowel Syndrome (IBS)
79. Diabetes Mellitus Type I and Type 2
80. Thyroid Disorders
81. Contraception
82. Reproductive, Gynaecologic and Genitourinary Disorders
83. Rheumatoid Arthritis, Osteoarthritis and Gout arthritis
84. Osteoporosis
85. Hypertension
86. Ischemic Heart Disease
87. Stroke
88. Congestive Heart Failure
89. Cardiac Arrhythmias
90. Peripheral Vascular diseases
91. Anticoagulants
92. Anxiety Disorder
93. Depression
94. Psychosis and Schizophrenia
95. Dementia
96. Seizures and Epilepsy
97. Parkinson's Disease
98. Antimicrobial Agents
99. Anticancer Drugs and Chemotherapy
100. Pharmacognosy and Natural Products