

Pharmacy Prep
OPRA EXAM REVIEW

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Pharmacy Prep

Professional Exams Preparation Center

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Foreword by
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Content

Terminology/ Abbreviations

Part 1: Biomedical Sciences

1. Human Anatomy & Physiology
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 Biology
16. Immunology
17. Immunizations
18. Biotechnology
19. Toxicology

Part 2: Pharmacokinetic and Pharmacodynamics

20. Pharmacokinetics
21. Rates and Orders of Kinetics
22. Pharmacodynamics

Part 3: Medicinal Chemistry and Pharmaceutics

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
37. Pharmaceutical Dosage Forms
38. Drug Delivery Systems
39. Pharmaceutical Analysis

Part 4: Therapeutic and Patient Care

40. Sig Codes and Directions
41. Basic Pharmacy Math
42. Dosage Calculation
43. Dilutions and Concentration
44. Electrolyte Solutions
45. Special Populations
46. Professional Pharmacy Communication Skills
47. Professionalism/Ethics
48. Health Promotion and Disease Prevention
49. Drug Stability
50. Pharmaceutical Care and Drug-Related Problems
51. Adverse Drug Reactions and Management

- 52. Drug Interactions
- 53. Clinical Biochemistry and Therapeutic Drug Monitoring
- 54. Quality Assurance
- 55. OTC and Prescription Drugs for Dermatological and Foot Conditions
- 56. OTC and Prescription Drugs for Ophthalmic, Ear and Mouth Disorders
- 57. OTC Drugs Antihistamine, Decongestants, Antitussives, Expectorants
- 58. OTC Drugs for Nausea, Vomiting, Constipation, Diarrhea, Hemorrhoids
- 59. Analgesics, and Topical Pain Relievers
- 60. Asthma and Chronic Obstructive Pulmonary Disease (COPD)
- 61. Smoking Cessation
- 62. Insomnia
- 63. Obesity
- 64. Gastrointestinal Disorders
- 65. Diabetes Mellitus
- 66. Thyroid Disorders
- 67. Contraception
- 68. Gynaecologic and Genitourinary Disorders
- 69. Rheumatoid Arthritis, Osteoarthritis and Gout arthritis
- 70. Osteoporosis
- 71. Hypertension
- 72. Coronary Artery Diseases
- 73. Stroke
- 74. Congestive Heart Failure
- 75. Cardiac Arrhythmias
- 76. Peripheral Vascular diseases
- 77. Pain Management
- 78. Anxiety Disorder
- 79. Depression
- 80. Psychosis and Schizophrenia
- 81. Dementia
- 82. Seizures and Epilepsy

83. Parkinson's Disease

84. Infectious Disease

85. Anticancer Drugs and Chemotherapy

86. Pharmacognosy and Natural Products

