

Pharmacy Prep
FPGEE
Review 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 and Ear
11. Blood and Anemia
12. Biochemistry
13. Fluids, Electrolytes and 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. Rates and Orders of Reactions
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. Rheology
37. Pharmaceutical Dosage Forms
38. Drug Delivery Systems
39. Pharmaceutical Analysis

Part 3. Social/Behavioural/Administrative Sciences

40. United States Healthcare Systems
41. Pharmacy Practice Regulations and Policies
42. Social and Behavioural and Cognitive Pharmacy
43. Pharmacy Management
44. Pharmacoeconomics
45. Drug Development Process
46. Evidence Based Medicine and Epidemiology
47. Biostatistics
48. Hospital Pharmacy

Part 4 Pharmacy Practice and Clinical Sciences

49. Pharmacy Calculations. Basics
50. Pharmacy Calculations. Dose Calculations
51. Pharmacy Calculations. Dilutions and Allegations
52. Brand and Generic Name Indexes
53. Prescription Processing and Medication Dispensing

54. Safety of Medications in Special Populations
55. Identification and Prevention of Drug Toxicity
56. Professional Pharmacy Communication Skills
57. Bioethics and Professional Ethics
58. Drug Information Resources and Literature Evaluation
59. Medication Errors and Patient Safety Practices
60. Health Promotion and Disease Prevention
61. Collaboration and Teamwork
62. Sterile Preparations
63. Compounding and Storage Conditions
64. Pharmaceutical Care and Drug Related Problems
65. Adverse Drug Reactions and Management
66. Drug Interactions
67. Clinical Biochemistry
68. Therapeutic Drug Monitoring
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. Analgesics, and Topical Pain Relievers
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. Gynaecologic and Genitourinary Disorders
83. Rheumatoid Arthritis, Osteoarthritis and Gout arthritis
84. Osteoporosis

85. Hypertension
86. Coronary Artery Diseases
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