Table of Contents:

UNIT ONE: Introduction to Pharmacology

- 1. Drug Development and Ethical Considerations
- 2. Pharmacokinetics, Pharmacodynamics, and Pharmacogenetics
- 3. Cultural Considerations
- 4. Complementary and Alternative Therapies
- 5. Pediatric Considerations
- 6. Geriatric Considerations
- 7. Drugs in Substance Use Disorder

UNIT TWO: Pharmacotherapy and Drug Administration

- 8. The Nursing Process and Patient-Centered Care
- 9. Safety and Quality
- 10. Drug Administration
- 11. Drug Calculations

UNIT THREE: Maintenance of Homeostasis

- 12. Fluid Volume and Electrolytes
- 13. Vitamin and Mineral Replacement
- 14. Nutritional Support

UNIT FOUR: Autonomic Nervous System Drugs

- 15. Adrenergic Agonists and Antagonists
- 16. Cholinergic Agonists and Antagonists

UNIT FIVE: Central and Peripheral Nervous System Drugs

- 17. Stimulants
- 18. Depressants
- 19. Antiseizure Drugs
- 20. Drugs for Parkinsonism and Alzheimer's Disease
- ${\bf 21.\ Drugs\ for\ Neuromuscular\ Disorders\ and\ Muscle\ Spasms}$

UNIT SIX: Mental and Behavioral Health Drugs

- 22. Antipsychotics and Anxiolytics
- 23. Antidepressants and Mood Stabilizers

UNIT SEVEN: Pain and Inflammation Management Drugs

- 24. Antiinflammatories
- 25. Analgesics

UNIT EIGHT: Antimicrobial Drugs

- 26. Antibacterials
- 27. Antituberculars, Antifungals, and Antivirals
- 28. Peptides, Antimalarials, and Anthelmintics

UNIT NINE: Immunologic Drugs

- 29. HIV- and AIDS-Related Drugs
- 30. Transplant Drugs
- 31. Vaccines

UNIT TEN: Antineoplastics and Biologic Response Modifiers

- 32. Anticancer Drugs
- 33. Targeted Therapies to Treat Cancer
- 34. Biologic Response Modifiers

UNIT ELEVEN: Respiratory Drugs

- 35. Upper Respiratory Disorders
- 36. Lower Respiratory Disorders

UNIT TWELVE: Cardiovascular Drugs

- 37. Cardiac Glycosides, Antianginals, and Antidysrhythmics
- 38. Diuretics
- 39. Antihypertensives
- 40. Anticoagulants, Antiplatelets, and Thrombolytics
- 41. Antihyperlipidemics and Peripheral Vasodilators

UNIT THIRTEEN: Gastrointestinal Drugs

- 42. Gastrointestinal Tract Disorders
- 43. Antiulcer Drugs

UNIT FOURTEEN: Eye, Ear, and Skin Drugs

- 44. Eye and Ear Disorders
- 45. Dermatologic Disorders

UNIT FIFTEEN: Endocrine Drugs

- 46. Pituitary, Thyroid, Parathyroid, and Adrenal Disorders
- 47. Antidiabetics

UNIT SIXTEEN: Renal and Urologic Drugs

48. Urinary Disorders

UNIT SEVENTEEN: Reproductive and Gender-Related Drugs

49. Pregnancy and Preterm Labor

- 50. Labor, Delivery, and Postpartum
- 51. Neonatal and Newborn 52. Women's Reproductive Health
- 53. Men's Reproductive Health
- 54. Sexually Transmitted Infections

UNIT EIGHTEEN: Emergency Drugs

55. Adult and Pediatric Emergency Drugs