

Blueprint Appendix

Domain	Subdomain	Topics (as a guide)
<p><u>Domain 1 – Clinical Pharmacy Competencies</u> (25% of Examination equivalent to 18 questions)</p>	<p>Subdomain 1 – Obtain, Interpret, or Assess Data, Medical, or Patient Information (Approximately 5% of Examination)</p>	<ol style="list-style-type: none"> 1. Clinical laboratory tests 2. Drug information resources
	<p>Subdomain 2 – Develop or Manage Treatment Plans (Approximately 20% of Examination)</p>	<ol style="list-style-type: none"> 1. Hypertension 2. Coronary artery disease 3. Heart failure 4. Thromboembolic diseases 5. Infectious diseases (Respiratory tract infections) 6. Asthma and COPD 7. Peptic ulcer disease and related acid-associated disorders 8. Diseases of the bowel: inflammatory bowel disease 9. Diabetes mellitus 10. Thyroid diseases 11. Renal disorders 12. Hepatic disorders 13. Dyslipidemia 14. Drug literature evaluation
<p><u>Domain 2 – Pharmacy Practice Competencies</u> (25% of Examination equivalent to 18 questions)</p>	<p>Subdomain 1 – Identify Drug Product/Medication Characteristics (Approximately 3% of Examination)</p>	<ol style="list-style-type: none"> 1. Drug evaluation monographs
	<p>Subdomain 2 – Order, Dispense, or Administer Drugs, or Manage Delivery Systems (Approximately 6% of Examination)</p>	<ol style="list-style-type: none"> 1. Reviewing and dispensing prescription and medication orders. 2. Prescription dispensing information and metrology. 3. Sterile products.
	<p>Subdomain 3 – Develop or Manage Practice or Medication-Use Systems to Ensure Safety and Quality (Approximately 6% of Examination)</p>	<ol style="list-style-type: none"> 1. Medication therapy management 2. Pediatrics 3. Geriatrics 4. Women’s health 5. Adverse drug reaction reporting 6. Medication errors
	<p>Subdomain 4 – Role of the Pharmacist in Community Pharmacy (Approximately 10% of Examination)</p>	<ol style="list-style-type: none"> 1. OTC dermatological agents 2. OTC agents for fever, pain, cough, cold, and allergic rhinitis. 3. OTC agents for constipation, diarrhea, hemorrhoids, and heartburn 4. Herbal medicines and nutritional supplements 5. Non-prescription medications

<p><u>Domain 3 – Pharmaceutical Competencies</u> (25% of Examination equivalent to 17 questions)</p>	<p>Subdomain 1 – Identify Drug Characteristics (Approximately 15% of Examination)</p>	<p>1- Biopharmaceutical Principles of Drug Delivery 2-Drug Metabolism, Prodrugs, and Pharmacogenetics. 3-Pharmacology and Medicinal Chemistry of : i-Drugs Affecting Nervous System. ii-Cardiovascular and Diuretic Drugs. iii-Anti-inflammatory, and Antihistamines Drugs. iv- Endocrine and Related Drugs. 4-Drug–Drug and Drug–Nutrient Interactions.</p>
	<p>Subdomain 2 – Manage Manufacturing Process or Evaluate Delivery Systems, or Implement Non-Drug therapy (Approximately 10% of Examination)</p>	<p>6- Principles of Pharmaceutical Processing 2- Scientific Principles of Dosage Form Design 3- Pharmaceutical Dosage Forms 4- Pilot plant scale-up and production management 5- Quality Management: Quality Control and assurance 6- Packaging Material Science</p>
<p><u>Domain 4 – Pharmaceutical Calculations</u> (15% of Examination equivalent to 10 questions)</p>	---	<p>1-Pharmaceutical Calculations – Pharmacy Math 2-Prescription Compounding 3-Basic Pharmacokinetics 4-Bioavailability and Bioequivalence 5- Kinetics and product stability</p>
<p><u>Domain 5 – Laws and Legislations, Ethics & Professionalism</u> (10% of Examination equivalent to 7 questions)</p>	---	---