

RN Learning System Pharmacology Final Quiz Answer Key PDF

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Which of the following are common routes of drug administration?

- A. Oral ✓
- B. Topical ✓
- C. Rectal ✓
- D. Inhalation ✓

Which drug class is primarily used to treat bacterial infections?

- A. Antivirals
- B. Antihypertensives
- C. Antibiotics ✓
- D. Analgesics

What is the primary route of administration for insulin in diabetic patients?

- A. Oral
- B. Intravenous
- C. Intramuscular
- D. Subcutaneous ✓

Which phase of pharmacokinetics involves the movement of a drug from the site of administration into the bloodstream?

- A. Distribution
- B. Metabolism
- C. Absorption ✓
- D. Excretion

Which organ is primarily responsible for the metabolism of drugs?

- A. Kidneys
- B. Liver ✓**
- C. Stomach
- D. Pancreas

What is the primary mechanism of action for beta-blockers?

- A. Inhibit bacterial cell wall synthesis
- B. Block adrenergic receptors ✓**
- C. Increase serotonin levels
- D. Reduce inflammation

What is the term for the lowest concentration of a drug in the bloodstream before the next dose is administered?

- A. Peak level
- B. Trough level ✓**
- C. Therapeutic level
- D. Toxic level

Which of the following is a contraindication for the use of nonsteroidal anti-inflammatory drugs (NSAIDs)?

- A. Hypertension
- B. Asthma
- C. Peptic ulcer disease ✓**
- D. Diabetes

Which drugs are classified as antihypertensives?

- A. Lisinopril ✓**
- B. Metformin
- C. Amlodipine ✓**
- D. Losartan ✓**

Which medications require regular blood level monitoring?

- A. Warfarin ✓**
- B. Lithium ✓**
- C. Metoprolol
- D. Digoxin ✓**

Which of the following are factors that can affect drug absorption?

- A. Blood flow to the absorption site ✓**
- B. Drug solubility ✓**
- C. Presence of food in the stomach ✓**
- D. Drug metabolism rate

Which of the following are examples of drug interactions?

- A. Additive effect ✓**
- B. Synergist effect ✓**
- C. Antagonist effect ✓**
- D. Therapeutic effect

What are potential signs of drug toxicity?

- A. Nausea and vomiting ✓**
- B. Confusion ✓**
- C. Rashes ✓**
- D. Increased energy

Which of the following is a common adverse effect of opioid analgesics?

- A. Hypertension
- B. Constipation ✓**
- C. Insomnia
- D. Diarrhea