

RN Learning System Pharmacology Final Quiz PDF

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Which of the following are common routes of drug administration?

- Oral
- Topical
- Rectal
- Inhalation

Which drug class is primarily used to treat bacterial infections?

- Antivirals
- Antihypertensives
- Antibiotics
- Analgesics

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

- Oral
- Intravenous
- Intramuscular
- Subcutaneous

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

- Distribution
- Metabolism
- Absorption
- Excretion

Which organ is primarily responsible for the metabolism of drugs?

- Kidneys

- Liver
- Stomach
- Pancreas

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

- Inhibit bacterial cell wall synthesis
- Block adrenergic receptors
- Increase serotonin levels
- Reduce inflammation

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

- Peak level
- Trough level
- Therapeutic level
- Toxic level

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

- Hypertension
- Asthma
- Peptic ulcer disease
- Diabetes

Which drugs are classified as antihypertensives?

- Lisinopril
- Metformin
- Amlodipine
- Losartan

Which medications require regular blood level monitoring?

- Warfarin
- Lithium
- Metoprolol
- Digoxin

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

- Blood flow to the absorption site
- Drug solubility
- Presence of food in the stomach
- Drug metabolism rate

Which of the following are examples of drug interactions?

- Additive effect
- Synergist effect
- Antagonist effect
- Therapeutic effect

What are potential signs of drug toxicity?

- Nausea and vomiting
- Confusion
- Rashes
- Increased energy

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

- Hypertension
- Constipation
- Insomnia
- Diarrhea