

Test Bank for Pharmacology for Pharmacy Technicians 4th Moscou

Test Bank - Chapter 01

Q: By which of the following routes are drugs administered directly into the bloodstream?

- A. Enteral
- B. Transdermal
- C. Transmucosal
- D. Intravenous (Correct)**

Q: Fentanyl is used as a _____.

- A. synthetic anesthetic
- B. synthetic analgesic (Correct)**
- C. natural analgesic
- D. natural anesthetic

Q: To help reduce nausea, the natural drug _____ can be used.

- A. digitalis
- B. peppermint (Correct)**
- C. caffeine
- D. quinine

Q: Which of the following options results in an *untrue* statement about pharmacy technicians? Pharmacy technicians who possess a good knowledge of pharmacology understand the importance of _____.

- A. drug interactions
- B. therapeutic duplication
- C. lab values (Correct)**
- D. excessive dose alerts

Q: Which of the following was passed to protect the public from ineffective and harmful drugs and later expanded to standardize new drugs getting to market?

- A. Durham-Humphrey Amendment
- B. Controlled Substance Act
- C. Pure Food and Drug Act (Correct)**
- D. Combat Methamphetamine Epidemic Act

Q: Which of the following is the phase of the drug approval process that initially determines the safety and efficacy in those with the disease being studied?

- A. Phase 1
- B. Phase 2 (Correct)**
- C. Phase 3
- D. Phase 4

Q: Which of the following is the phase of the drug approval process that determines effectiveness of the drug in healthy volunteers?

- A. Phase 1 (Correct)**

- B. Phase 2
- C. Phase 3
- D. Phase 4

Q: One of the main purposes of drug therapy is to _____.

- A. analyze symptoms
- B. maintain side effects produced by drug therapy
- C. eradicate disease
- D. help cure disease (Correct)**

Q: The streamlined generic drug approval process is a result of which of the following acts?

- A. Patent Restoration Act
- B. Pure Food, Drug, and Cosmetic Act
- C. Food and Drug Administration Reauthorization Act
- D. Drug Price Competition Act (Correct)**

Q: How does Combat Methamphetamine Epidemic Act (CMEA) of 2005 help deter the illegal manufacture of synthetic drugs?

- A. It has taken all ingredients that could be used to make illegal drugs off the market.
- B. It helps regulate controlled substances by placing them in various schedules based on abuse potential.
- C. It provides a provision to have certain products placed behind the counters out of general public reach. (Correct)**
- D. It has helped health care workers easily identify controlled substances by requiring identifying symbols on each of the drug labels.

Q: Which step is *not* part of the drug development process?

- A. Clinical research
- B. Clinical studies
- C. New drug application process
- D. Marketing (Correct)**

Q: The proprietary name of a drug is assigned by the _____.

- A. manufacturer (Correct)**
- B. CDER Labeling and Nomenclature Committee
- C. New Drug Application reviewer
- D. FDA

Q: Why must a customer go to the pharmacy to purchase pseudoephedrine?

- A. Labeling confusion of the product has shown that counseling must be provided by the pharmacist.
- B. Too much of the product was shown to cause serious adverse effects and therefore the drug needs to be regulated by pharmacy staff.
- C. Placement in the pharmacy out of direct customer access helps to monitor the sale of the drug. (Correct)**
- D. Where the product is stocked depends on directions for use found on package labeling.

Q: Which of the following auxiliary labels should *a/ways* be placed on a prescription for an oral suspension?

- A. Take with food.
- B. Store in the refrigerator.
- C. Take with lots of water.
- D. Shake well before each use. (Correct)**

Q: Which of the following routes would have the fastest onset of action?

- A. Oral
- B. Intravenous (Correct)**
- C. Topical
- D. Inhalation

Q: Why can't ear drops be placed in the eye, but eye drops can be placed in the ear?

- A. Ear drops are more viscous, thereby reducing the absorption through the eye.
- B. Ear drops do not contain the special enzymes that are necessary in eye drops.
- C. Ear drops are not sterile, and only sterile products should be used in the eye. (Correct)**
- D. Medication errors can happen once the patient uses the medication.

Q: Which of the following is *not* classified as a behind-the-counter (BTC) drug?

- A. Motrin (Correct)**
- B. Pseudoephedrine
- C. Sudafed
- D. Insulin

Q: Properties of the drug, such as pH and water or lipid solubility, influence _____ of the drug in the body.

- A. absorption
- B. distribution
- C. metabolism and elimination
- D. all of the above (Correct)**

Q: Which of the following could be an implication if postmarketing (phase 4) were taken out of the drug approval process?

- A. Additional safety information could be collected while on the market.
- B. Safety and efficacy would be determined when the drug is used in real-world conditions.
- C. Not all adverse reactions would be known, and the drug could be on the market longer than necessary. (Correct)**
- D. Long-term side effects could be identified when used in the mass population.

Q: Which of the following drugs would belong to the proton pump inhibitor class?

- A. Amlodipine
- B. Pantoprazole (Correct)**
- C. Ranitidine
- D. Alprazolam

Q: The Human Genome Project

A. has enabled scientists to develop new genetically modified drugs. (Correct)

B. mapped how all drugs are related to one another.

C. helped scientists find a common relation between each drug and the diseases they are used to treat.

D. has accurately described approximately 600 medicinal plants.

Q: Drugs come only from natural origins.

A. True

B. False (Correct)

Q: Erythropoietin is an example of a biopharmaceutical.

A. True (Correct)

B. False

Q: Generic drugs are always less expensive than the corresponding brand name drug.

A. True (Correct)

B. False

Q: "Rx only" must be printed on the label of all legend drugs.

A. True (Correct)

B. False

Q: Binders and fillers are inactive ingredients that have no influence on the rate of drug absorption.

A. True

B. False (Correct)