

Test Bank for Pharmacology in Rehabilitation 5th Ciccone

TEST BANK SAMPLE PREVIEW

PUBLISHER

F.A. Davis Company

COPYRIGHT

2015

RESOURCE TYPE

Test Bank

ISBN

9780803640290

Chapter 02

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. All of the following are parenteral routes of drug administration EXCEPT the _____ route.
- oral
 - inhalation
 - injection
 - topical
 - transdermal
- _____ 2. The _____ effect occurs when drugs are transported initially to the liver where a significant amount of the drug may be metabolized and destroyed before the drug reaches its primary site of action.
- malabsorptive
 - first pass
 - Bohr
 - bioequivalence
 - pharmacodynamic
- _____ 3. Iontophoresis, phonophoresis, and medicated patches all use the _____ route to administer drugs.
- oral
 - inhalation
 - injection
 - transdermal
 - rectal
- _____ 4. This first pass effect is of particular concern when drugs are administered
- topically
 - by intravenous injection
 - by subcutaneous injection
 - by inhalation
 - orally
- _____ 5. The extent to which a drug reaches the systemic circulation is referred to as
- bioequivalence
 - biotransformation
 - bioavailability
 - biodistribution
 - last pass metabolism
- _____ 6. When crossing cell membranes, drugs will diffuse more readily through the lipid layer if they are
- non-lipid soluble
 - in a neutral, nonionized form
 - in a charged, ionized form
 - large proteins
- _____ 7. Osmosis refers to the special case of diffusion where the diffusing substance is
- a lipid soluble drug
 - a nonlipid soluble drug
 - a protein

- d. a carbohydrate
 - e. water
- _____ 8. Carrier specificity, expenditure of energy, and ability to transport substances against a concentration gradient are all characteristics of
- a. simple, passive diffusion
 - b. facilitated diffusion
 - c. active transport
 - d. endocytosis
 - e. exocytosis
- _____ 9. A drug that has a volume of distribution of approximately 42 L will typically be
- a. bound extensively to plasma proteins
 - b. retained in the bloodstream
 - c. concentrated in the tissues
 - d. stored in the liver and kidneys
 - e. distributed uniformly throughout all of the body fluids
- _____ 10. The primary site for drug storage in the body is
- a. muscle
 - b. bone
 - c. skin
 - d. adipose tissue
 - e. the brain
- _____ 11. Drug developers are exploring nanotechnology (i.e., the use of very small particles with specific physical properties) as a way to
- a. target and deliver drugs to specific tissues within the body
 - b. facilitate drug absorption from the GI tract
 - c. enable drugs to cross the blood brain barrier more easily
 - d. all the above
 - e. none of the above

Chapter 02

Answer Section

MULTIPLE CHOICE

- | | |
|------------|--------|
| 1. ANS: A | PTS: 1 |
| 2. ANS: B | PTS: 1 |
| 3. ANS: D | PTS: 1 |
| 4. ANS: E | PTS: 1 |
| 5. ANS: C | PTS: 1 |
| 6. ANS: B | PTS: 1 |
| 7. ANS: E | PTS: 1 |
| 8. ANS: C | PTS: 1 |
| 9. ANS: E | PTS: 1 |
| 10. ANS: D | PTS: 1 |
| 11. ANS: D | PTS:1 |