

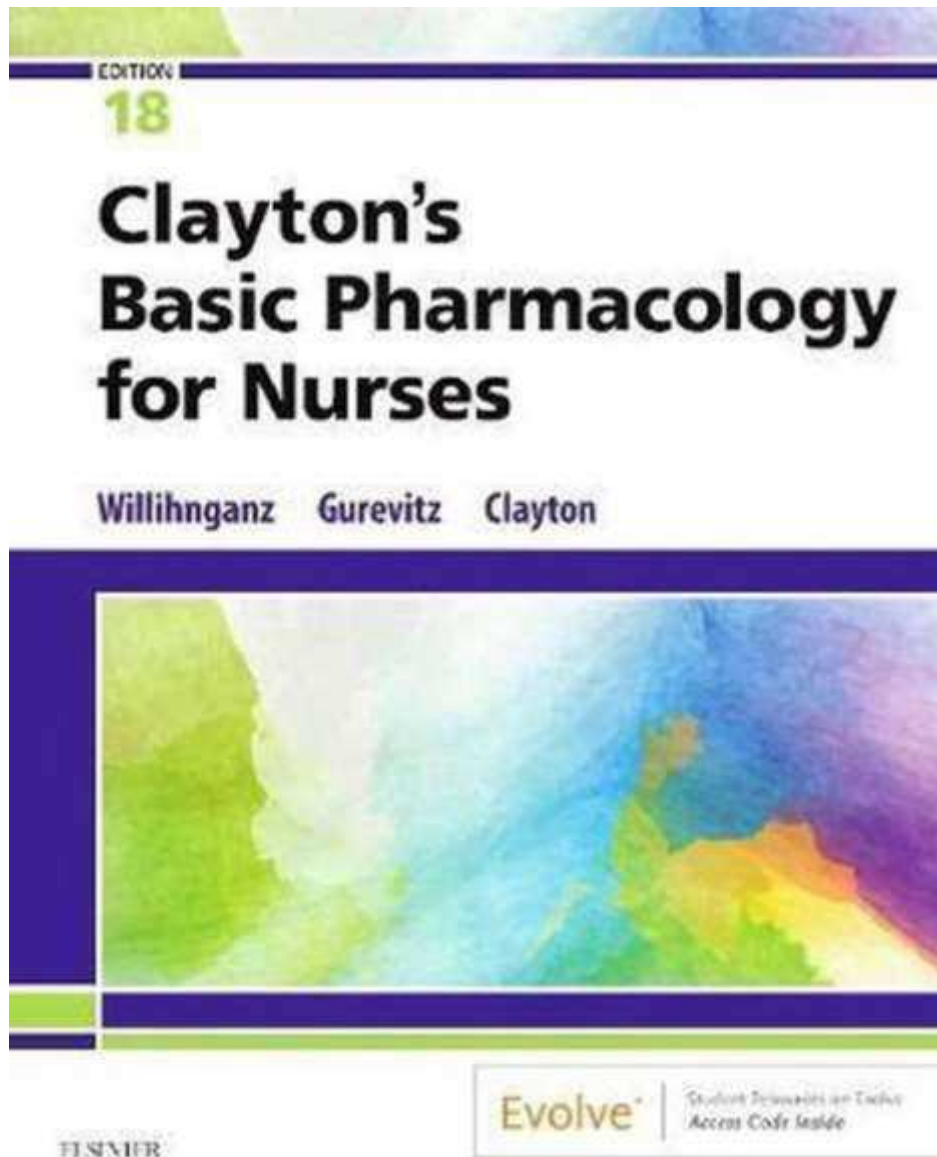
# TEST BANK

Clayton's

## Basic Pharmacology for Nurses

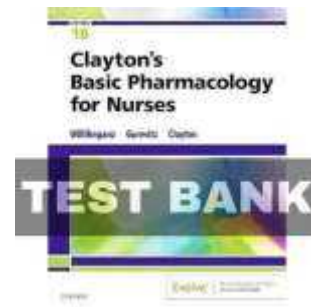
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18<sup>th</sup> Edition



## Chapter 01: Drug Definitions, Standards, and Information Sources

### Willihnganz: Clayton's Basic Pharmacology for Nurses, 18th Edition



#### MULTIPLE CHOICE

1. What is the name under which a drug is listed by the US Food and Drug Administration (FDA)?
  - a. Brand
  - b. Nonproprietary
  - c. Official
  - d. Trademark

ANS: C

The official name is the name under which a drug is listed by the FDA. The brand name, or trademark, is the name given to a drug by its manufacturer. The nonproprietary, or generic, name is provided by the United States Adopted Names Council.

DIF: Cognitive Level: Knowledge REF: p. 2 OBJ: 1  
 NAT: NCLEX Client Needs Category: Safe, Effective Care Environment  
 TOP: Nursing Process Step: Assessment CON: Patient Education

2. Which source contains information specific to nutritional supplements?
  - a. *USP Dictionary of USAN & International Drug Names*
  - b. *Natural Medicines Comprehensive Database*
  - c. *United States Pharmacopoeia/National Formulary (USP NF)*
  - d. *Drug Interaction Facts*

ANS: C

*United States Pharmacopoeia/National Formulary* contains information specific to nutritional supplements. *USP Dictionary of USAN & International Drug Names* is a compilation of drug names, pronunciation guide, and possible future FDA approved drugs; it does not include nutritional supplements. *Natural Medicines Comprehensive Database* contains evidence-based information on herbal medicines and herbal combination products; it does not include information specific to nutritional supplements. *Drug Interaction Facts* contains comprehensive information on drug interaction facts; it does not include nutritional supplements.

DIF: Cognitive Level: Knowledge REF: p. 2 | p. 3 OBJ: 3  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Assessment CON: Nutrition | Patient Education

3. What is the most comprehensive reference available to research a drug interaction?
  - a. *Drug Facts and Comparisons*
  - b. *Drug Interaction Facts*
  - c. *Handbook on Injectable Drugs*
  - d. *Martindale—The Complete Drug Reference*

ANS: B

First published in 1983, *Drug Interaction Facts* is the most comprehensive book available on drug interactions. In addition to monographs listing various aspects of drug interactions, this information is reviewed and updated by an internationally renowned group of physicians and pharmacists with clinical and scientific expertise.

DIF: Cognitive Level: Comprehension REF: p. 4 OBJ: 3  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Assessment CON: Safety | Patient Education | Clinical Judgment

4. The physician has written an order for a drug with which the nurse is unfamiliar. Which section of the *Physicians' Desk Reference (PDR)* is most helpful to get information about this drug?
  - a. Manufacturer's section
  - b. Brand and Generic name section
  - c. Product category section
  - d. Product information section

ANS: B

A physician's order would include the brand and/or generic name of the drug. The alphabetic index in the *PDR* would make this section the most user-friendly. Based on a physician's order, manufacturer's information and classification information would not be known. The Manufacturer's section is a roster of manufacturers. The product category section lists products subdivided by therapeutic classes, such as analgesics, laxatives, oxytocics, and antibiotics. The product information section contains reprints of the package inserts for the major products of manufacturers.

DIF: Cognitive Level: Comprehension REF: p. 4 OBJ: 3  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Planning CON: Safety | Patient Education | Clinical Judgment

5. Which online drug reference makes available to healthcare providers and the public a standard, comprehensive, up-to-date look up and downloadable resource about medicines?
  - a. *American Drug Index*
  - b. *American Hospital Formulary*
  - c. DailyMed
  - d. *Physicians' Desk Reference (PDR)*

ANS: C

DailyMed makes available to healthcare providers and the public a standard, comprehensive, up-to-date look up and downloadable resource about medicines. The *American Drug Index* is not appropriate for patient use. The *American Hospital Formulary* is not appropriate for patient use. The *PDR* is not appropriate for patient use.

DIF: Cognitive Level: Knowledge REF: p. 3 | p. 5 OBJ: 4  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Implementation  
 CON: Safety | Patient Education | Clinical Judgment

6. Which legislation authorizes the FDA to determine the safety of a drug before its marketing?
  - a. Federal Food, Drug, and Cosmetic Act (1938)

- b. Durham Humphrey Amendment (1952)
- c. Controlled Substances Act (1970)
- d. Kefauver Harris Drug Amendment (1962)

ANS: A

The Federal Food, Drug, and Cosmetic Act of 1938 authorized the FDA to determine the safety of all drugs before marketing. Later amendments and acts helped tighten FDA control and ensure drug safety. The Durham Humphrey Amendment defines the kinds of drugs that cannot be used safely without medical supervision and restricts their sale to prescription by a licensed practitioner. The Controlled Substances Act addresses only controlled substances and their categorization. The Kefauver Harris Drug Amendment ensures drug efficacy and greater drug safety. Drug manufacturers are required to prove to the FDA the effectiveness of their products before marketing them.

DIF: Cognitive Level: Knowledge REF: p. 5 OBJ: 6  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Assessment  
 CON: Safety | Patient Education | Evidence | Health Care Law

7. Meperidine (Demerol) is a narcotic with a high potential for physical and psychological dependency. Under which classification does this drug fall?
  - a. I
  - b. II
  - c. III
  - d. IV

ANS: B

Meperidine (Demerol) is a Schedule II drug; it has a high potential for abuse and may lead to severe psychological and physical dependence. Schedule I drugs have high potential for abuse and no recognized medical use. Schedule III drugs have some potential for abuse. Use may lead to low to moderate physical dependence or high psychological dependence. Schedule IV drugs have low potential for abuse. Use may lead to limited physical or psychological dependence.

DIF: Cognitive Level: Comprehension REF: p. 5 OBJ: 2  
 NAT: NCLEX Client Needs Category: Safe, Effective Care Environment  
 TOP: Nursing Process Step: Assessment CON: Patient Education | Addiction | Pain

8. What would the FDA do to expedite drug development and approval for an outbreak of smallpox, for which there is no known treatment?
  - a. List smallpox as a health orphan disease.
  - b. Omit the preclinical research phase.
  - c. Extend the clinical research phase.
  - d. Fast track the investigational drug.

ANS: D

Once the Investigational New Drug Application has been approved, the drug can receive highest priority within the agency, which is called fast tracking. A smallpox outbreak would become a priority concern in the world. Orphan diseases are not researched in a priority manner. Preclinical research is not omitted. Extending any phase of the research would mean a longer time to develop a vaccine. The FDA must ensure that all phases of the preclinical and clinical research phase have been completed in a safe manner.

DIF: Cognitive Level: Knowledge REF: p. 8 OBJ: 6  
 NAT: NCLEX Client Needs Category: Safe, Effective Care Environment  
 TOP: Nursing Process Step: Assessment  
 CON: Health Care Law | Health Care Policy | Infection | Care Coordination

9. Which statement is true about over-the-counter (OTC) drugs?
- They are not listed in the *USP NF*.
  - A prescription from a healthcare provider is needed.
  - They are sold without a prescription.
  - They are known only by their brand names.

ANS: C

OTC medications do not require a prescription. A variety of names, both generic and trade, can be used for individual drugs sold OTC. OTC drugs are listed in the *USP NF*. Prescription drugs require an order by a health professional who is licensed to prescribe, such as a physician, nurse practitioner, physician assistant, or dentist.

DIF: Cognitive Level: Comprehension REF: p. 2 OBJ: 2  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Planning CON: Patient Education

10. Which is the most authoritative reference for medications that are injected?
- Physicians' Desk Reference*
  - Handbook on Injectable Drugs*
  - DailyMed
  - Handbook of Nonprescription Drugs*

ANS: B

The *Handbook on Injectable Drugs* is the most comprehensive reference available on the topic of compatibility of injectable drugs. It is a collection of monographs for more than 300 injectable drugs that are listed alphabetically by generic name.

DIF: Cognitive Level: Comprehension REF: p. 4 OBJ: 3  
 NAT: NCLEX Client Needs Category: Physiological Integrity  
 TOP: Nursing Process Step: Assessment CON: Clinical Judgment | Safety

11. The nurse is administering Lomotil, a Schedule V drug. Which statement is true about this drug's classification?
- Abuse potential for this drug is low.
  - Psychological dependency is likely.
  - There is a high potential for abuse.
  - This drug is not a controlled substance.

ANS: A