

**ANSWERS: PRACTICE QUIZ 1: Part A: General Principles of Pharmacology - May 2014**

1. Heroin and LSD are examples of which schedule of drugs (Controlled Substance Act)?
  - a. **I ANSWER**
  - b. II
  - c. III
  - d. IV
  - e. V
  
2. Which is currently the major source of drugs?
  - a. animals
  - b. plants
  - c. minerals
  - d. **synthetics ANSWER**
  
3. Orphan drugs are best described as:
  - a. research drugs
  - b. disease prevention drugs
  - c. **treatment for rare diseases ANSWER**
  - d. synthetic drugs
  
4. Which reference gives the most comprehensive information regarding current meds?
  - a. Davis Drug Guide
  - b. **Physician's Desk Reference ANSWER**
  - c. Hospital Formulary
  - d. Lecture notes
  
5. All of the following are Legal Classifications of Drugs except:
  - a. Illicit
  - b. **Ace inhibitors ANSWER**
  - c. Investigational
  - d. Prescription
  - e. Non-prescription
  
6. "OTC" means \_\_\_\_ **Over-The-Counter** \_\_\_\_.
  
7. Drugs are chemicals used for:
  - a. diagnosis
  - b. treatment
  - c. prevention of disease
  - d. **A, B, C ANSWER**
  
8. Define "rare" disease?  
**ANSWER: A disease effecting less than 200,000 Americans**
  
9. Which is the generic name?
  - a. Vasotec®
  - b. **enalapril ANSWER**
  - c. enalapril, USP
  - d. S-1ethoxycarbonyl-3-phenylpropyl-L-alanyl-Lproline, Z-2-butenedioate

10. Which classification is by “indication”?
- beta-blocker
  - anti-seizure ANSWER**
  - cholinergic
  - ace inhibitor
11. At 0800 hours a patient takes 100 mg of a medication which has a half-life of 2 hours. How much medication will be left in the patient at 1400 hours?  
**ANSWER: 12.5 mg**
12. A patient who experiences drowsiness following the use of analgesics would be suffering a(n):
- Side effect ANSWER**
  - Toxic effect
  - Allergic reaction
  - Idiosyncratic reaction
13. Biotransformation primarily takes place in the:
- Liver ANSWER**
  - Stomach
  - Small intestine
  - Colon
14. Most medications are primarily excreted by the:
- Colon
  - Small intestine
  - Kidneys ANSWER**
  - Lungs
15. Which health care professional can fill in necessary information on a prescription but cannot legally sign the prescription?
- Doctor of Osteopathic Medicine
  - Dentist
  - Physician’s Assistant
  - Dental Hygienist ANSWER**
16. What is an abnormal reaction to a drug that is based on a response of the patient’s immunological system called?
- Side effect
  - Toxic effect
  - Allergic reaction ANSWER**
  - Idiosyncratic reaction
17. Elderly patients are more likely to develop toxic levels of drugs than are middle-aged adults.
- True ANSWER**
  - False
18. List at least 4 recent trends in pharmacology.  
**ANSWER:**
- Many meds which were prescription are now OTC.**
  - Consumers are better educated.**
  - Consumers assume more responsibility for their own health.**
  - Emphasis on disease prevention.**
19. Drugs which are stolen and resold are classified as illegal or illicit .

20. Which route is most commonly used for administration of medications?  
**ANSWER: oral (PO = medical abbreviation)**