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”?
   a. beta-blocker
   b. **anti-seizure** ANSWER
   c. cholinergic
   d. 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):
   a. **Side effect** ANSWER
   b. Toxic effect
   c. Allergic reaction
   d. Idiosyncratic reaction

13. Biotransformation primarily takes place in the:
   a. **Liver** ANSWER
   b. Stomach
   c. Small intestine
   d. Colon

14. Most medications are primarily excreted by the:
   a. Colon
   b. Small intestine
   c. **Kidneys** ANSWER
   d. Lungs

15. Which health care professional can fill in necessary information on a prescription but cannot legally sign the prescription?
   a. Doctor of Osteopathic Medicine
   b. Dentist
   c. Physician’s Assistant
   d. **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?
   a. Side effect
   b. Toxic effect
   c. **Allergic reaction** ANSWER
   d. Idiosyncratic reaction

17. Elderly patients are more likely to develop toxic levels of drugs than are middle-aged adults.
   a. True ANSWER
   b. False

18. List at least 4 recent trends in pharmacology.
   ANSWER:
   a. Many meds which were prescription are now OTC.
   b. Consumers are better educated.
   c. Consumers assume more responsibility for their own health.
   d. 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)