

Chapter 1 Study Questions

1. Pharmacology is the study of what?
2. Where do medications derive from?
3. What category of medications are available without a prescription?
4. Why are controlled substances regulated?
5. What are the different schedules of controlled substances and how are they categorized? Know examples of each category of controlled substances.
6. What are the different ways that drugs are named?
7. What is another term used for prescription drugs?
8. Why does the federal government require a prescription for some drugs?
9. What is meant by physical dependence?
10. What is meant by psychological dependence?
11. What act was established to help classify drugs with potential abuse?
12. What agency monitors controlled substances?
13. How long does it take to develop a drug?
14. What are the different phases of the drug development?
15. What are the different portions of the New Drug Application (NDA)?
16. What is the purpose of the MedWatch?
17. What was the purpose of the Orphan Drug Act of 1983?
18. What is the purpose of accelerated programs?
19. What is the purpose of the Risk Evaluation and Mitigation Strategies program?
20. What are the three different phases of how drugs work within the body and what happens during each phase?
21. What are the different aspects of the pharmacokinetic phase?
22. What does half life refer to?
23. What are the different aspects of drug actions and what distinguishes them?
24. What does pharmacodynamic phase define?
25. Define target sites, agonist, and antagonist, teratogen.
26. What is pharmacogenomics?
27. Explain Adverse Drug Reactions, Drug Idiosyncrasy, Drug Tolerance, Cumulative Drug Effect and Toxic Reactions.
28. Anaphylactic shock and signs and symptoms.
29. Explain Drug–Drug Interactions and the following Additive Drug Reaction and Synergistic Drug Reaction and Antagonistic Drug Reaction
30. Factors that influence drug response include what?