Study Guide

1. Define what is meant by pharmacology, pharmacodynamics, pharmacokinetics, and pharmacogenetics.
2. Define what governs nursing practice state to state.
3. Define the “10” rights of medication administration and provide examples of how nurses meet these responsibilities.
4. Discuss the difference between lipid soluble and water soluble drug absorption.
5. Define the absorption rate differences between oral agents such as: tablets, enteric coated tablets, and liquid forms of medication, then oral versus parenteral medications.
6. Discuss what is meant by the protein binding effect and how this influences distribution of a drug.
7. Describe the effects that food can have with medication.
8. Discuss what is meant by therapeutic index and how medications with a low therapeutic index are appropriately managed.
9. Discuss the effect on drug elimination when the kidneys are not adequately working.
10. Discuss the important steps in securing and wasting narcotics.
11. Discuss appropriate nursing education provided to patients using OTC medications, and discuss potential problems when OTC drugs are self-prescribed.
12. Discuss various strategies for reducing medication errors.
13. Understand the abbreviations commonly used in medication administration.
14. Be prepared to correctly identify military time.
15. Be sure to review your administration guidelines handout.
16. Be sure to take advantage of the matching exercise to define term definitions.