

VERSION 5

PHARMACOLOGY REVIEW

CHAPTERS 1-5 ATI BOOK TEST #1

1. The client was switched from a brand-named drug to a generic version of the same drug. The nurse knows to assess the client's response because: **it is possible for the client to respond in a different manner to the generic version.**
2. The client is an elderly woman with mild liver damage due to hepatitis. The nurse is aware that the client may need reduced dosages of medications because: **the drugs may accumulate in the client's body and produce toxicity.**
3. The client asks the nurse if she should take the herb ginkgo to help with her forgetfulness. The nurse's best response: **herbal medicines are not regulated by the FDA, therefore, their safety and effectiveness cannot be established.**
4. The study of how drugs are best used to treat illness is called: **pharmacotherapeutics**
5. Sterile sealed glass containers that hold a single liquid dose are called: **ampules**
6. During the earliest stages of development, the first name applied to a new drug is its: **chemical name**
7. Under the controlled substances act of 1970, schedule 1 drugs are those that have: **high potential for abuse and no accepted medical use in the united states.**
8. Drugs that are administered via the sublingual route: **are absorbed directly into the bloodstream**
9. After receiving numerous does of a narcotic for pain, the client seems to require the medication more often and states that it does not seem to be working now. The nurse understands that this probably represents the client having developed _____ to the medication or dose. **Tolerance**
10. The nurse understands that when administering a medication, the route of administration primarily affects the drugs: **absorption**
11. A client taking a medication to increase the time it takes to clot her blood (anticoagulant) has a long history of using herbal agents. Which of the following statements made by the client would indicate the need for further teaching? **I can continue to use the garlic for dietary supplement to decrease my cholesterol**
12. A client has renal insufficiency and is taking multiple medications. The nurse understands that: **the client may need to have lower dosages, because of the risk of accumulation of the medications**
13. A client has renal insufficiency and is taking multiple medications. The nurse understands that: **the client may need to have lower dosages, because of the risk of accumulation of the medication.**
14. What action should the nurse take before administering a drug in suspension form? **Shake the suspension thoroughly**

15. Green tea contains small amounts of vitamin k. thus, oral use can decrease the properties of which of the following medications? **Warfarin**
16. A second-year nursing student is preparing to administer medications to clients in a small rural hospital. The questions that follow review some of the information she will need to know to administer medication safely and effectively. Which of the following abbreviations means right away? **STAT**
17. A second-year nursing student is preparing to administer medications to clients in a small rural hospital. The questions that follow review some of the information she will need to know to administer medications safely and effectively. The type of syringe most frequently used for allergy injections is a: **tuberculin syringe**
18. A second-year nursing student is preparing to administer medications to clients in a small rural hospital. The questions that follow review some of the information she will need to know to administer medications safely and effectively. Medications administered under the tongue are said to be given: **sublingually**
19. Which of the following routes frequently requires use of a 22 gauge, 1 ½ inch needle?
Intramuscular
20. When pouring liquid medications, the nurse knows to raise the measuring device to eye level and to read the measurement at: **the lowest point of the meniscus**
21. When administering ear drops to children less than 3 years old, the pinna is: **pulled back and down**
22. The nurse receives a medication prescription with no route specified. What is the best action by the nurse? **Call the health care provider to clarify the prescription**
23. When a nurse discovers that a client is not taking medications as prescribed, it is the nurse's responsibility to do which of the following? **Ask the client why he or she is not taking the medications as prescribed**
24. Which of the following measures is equivalent to 30ml? **2 tablespoons**
25. Which of the following measures is equivalent to 1 grain? **60 milligrams**
26. The client with a nasogastric tube is prescribed four medications via the tube. The nurse is aware that optimal administration of these medications is by which of the following methods? **Crush tablets and place each into a separate medication administration cup diluted in warm water.**
27. Which of the following interventions is essential for the nurse to perform when caring for a client receiving an intravenous drug infusion? **Monitor the client during the infusion**
28. When preparing to administer an intravenous push medication via a primary infusion, the nurse must first: **check compatibility of the medication with the infusion fluid**
29. The nurse is initiating an intravenous access. After the vein has been pierced by the IV needle, which of the following would be indicative that the needle is in the vein? **Backflow of blood into the tubing**
30. In the preparation of an intravenous infusion, the nursing action necessary to prevent air embolism is to: **prime the tubing of the intravenous administration set.**
31. The nurse assesses the client's IV site and determines that it has infiltrated. The nurse's best response is to: **immediately stop the IV infusion**
32. A client's peripheral IV infusion setup was initiated 3 days ago. The nurse realizes that there is a need to: **change (rotate) the IV site**
33. The nurse understands that which of the following are necessary pieces of information needed when measuring the plasma concentration of a drug? Select all that apply. **Clients renal, hepatic, and cardiovascular functioning status, clients use of other medications, clients age and weight**
34. How are subcutaneous injections administered? Choose all that apply. **45-degree angle, 90-degree angle, in the subcutaneous tissue**
35. When attempting venipuncture, if applying a tourniquet fails to raise an appropriate vein, the nurse may try which of the following? Select all that apply. **Instruct client to open and close a fist,**

apply warm compresses for 10 to 15 minutes to the site of the appropriate vein, request the client lower the body part to below

36. The nurse understands that besides extravasation, pain at the site of an IV infusion can result from which of the following? Select all that apply. **Administering irritating medications too rapidly, the IV catheter touching the wall of the vein, administering medication that is not properly diluted**
37. The gauge of the IV needle is determined by which of the following factors? Select all that apply. **Viscosity of the medication, condition of the vein selected, nature of the therapy, size of the vein selected.**
38. Which of the following dosage forms should NOT be disrupted? Choose all that apply. **Enteric-coated medications, vaginal suppositories, gel tablets, sustained action medications, products containing a wax matrix.**
39. Which of the following is true of intravenous therapy? Select all that apply. **It is used to maintain water balance, it is used as nutritional therapy, it can prove fatal if incorrect fluid is infused, blood and blood products are IV solutions, IV fluids are prescribed according to osmolality of the fluid, it is used as a replacement therapy**
40. If the half-life of an antibiotic is 6 hours, the percentage of the original dose that will remain in the client's body 24 hours after a single dose has been administered is: **6.25%**
41. The study of the biochemical and physiological effects of drugs as well as their mechanisms of action is called: **pharmacodynamics**
42. Soft gelatin capsules are most commonly employed in: **liquid drugs**
43. Because aspirin can be purchased without a prescription order form, it is called an: **over the counter drug**
44. The process by which a drug passes into the fluids of the body is called: **absorption**
45. Drug molecules that are bound to plasma proteins are: **pharmacologically inactive**
46. The minimal level of drug required to elicit a pharmacological response is called: **minimum effect concentration**
47. When the pharmacological effects of one drug are potentiated or diminished by another drug, it is called: **interaction**
48. A physician has prescribed enteric coated tablets for the client. The nurse knows that which of the following is true about enteric-coated tablets? **Tablets are designed to carry drugs that can irritate the stomach**