

Medication Competency Test

Name _____ Date _____

Page 1

The following medication test is meant to assess basic knowledge and is not an indication that the nurse is competent in all areas of nursing. Nurses must complete and pass this test with 80 percent or higher in order to be considered competent to work through SurgiStaff.

1. Which of these abbreviations indicates that the drug is to be administered at regularly spaced intervals during a 24-hour period?

- A. q 6h prn
- B. q 4h
- C. tid, pc

2. How many grams are equivalent to 2 milligrams?

- A. 0.002 grams
- B. 0.02 grams
- C. 0.2 grams

3. Which of the following doses is the largest?

- A. 0.3 grams
- B. 3 mg
- C. .03 mg

4. Thirty milliliters are equivalent to how many liters?

- A. 0.003 L
- B. 0.03 L
- C. 0.333 L

5. A child is to receive 300 mg of Erythromycin. The medication is supplied as an oral suspension containing 200 mg per 5 ml. How many milliliters should the child receive?

- A. 3.0 ml
- B. 5.5 ml
- C. 7.5 ml

6. Sulfisoxazole (Gantrisin) 1.5 grams is ordered for a patient. Gantrisin is available in 500 mg tablets. How many tablets should be administered to the patient?

- A. 2 tabs
- B. 3 tabs
- C. 5 tabs

Medication Competency Test

Name _____ Date _____

Page 2

7. Betamethasone Sodium Phosphate 4 mg is prescribed for a patient. The medication is supplied as a solution for injection containing 3 mg per milliliter. How many milliliters should the patient receive?

- A. 0.75 ml
- B. 1.33 ml
- C. 1.37 ml

8. A patient is to receive 375,000 units of Penicillin G Potassium suspension. The suspension contains 0.5 million units per milliliter. How many milliliters should the patient receive?

- A. 0.375 ml
- B. 0.5 ml
- C. 0.75 ml

9. A patient is to receive 0.5 mg of Digoxin (Lanoxin) intravenously. Lanoxin is available in ampules containing 0.25 mg per ml. How many milliliters should be administered?

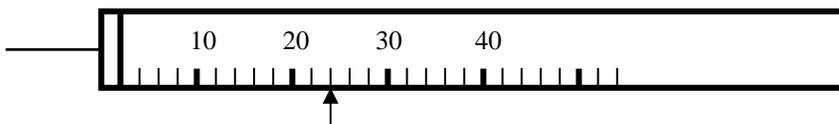
- A. 0.5 ml
- B. 1.0 ml
- C. 2.0 ml

10. A patient weighs 132 lb (60kg). The patient is to receive Vinblastine Sulfate 0.15 mg per kg intravenously. How much drug should be given?

- A. 4 mg
- B. 9 mg
- C. 19.8 mg

11. A U-100 insulin syringe is illustrated below. The arrow indicates the level to which the syringe has been filled with regular insulin labeled "100 U per ml". How many units of insulin are in the syringe?

- A. 2.4 U
- B. 24 U
- C. 36 U



Medication Competency Test

Name _____ Date _____

Page 3

12. A patient is to receive a continuous infusion of Heparin at 900 units/hour. A premixed bag of Heparin contains 25,000 units in a 500 cc bag of D5W. You will set the IV infusion pump to deliver how many ml/hour?

- A. 16 ml/hr
- B. 18 ml/hr
- C. 24 ml/hr

13. You need to administer Ampicillin 1 gram IV piggyback over 30 minutes. You have a pre-mixed bag with 50 ml solution. What will be the pump setting for this solution?

- A. 50 ml/hr
- B. 100 ml/hr
- C. 25 ml/hr

14. There are 16 minims to 1 cc. Answer the following in cc's and in minims.

A. Digoxin (Lanoxin elixir) comes in 0.05 mg/cc (50 mcg). The order is for 10 mcg p.o. How many: cc's or minims should be given?

cc's _____ minims _____

B. Garamycin Pediatric (Gentamycin) 20 mg/ 2 cc is available. You need to give 4 mg IV over one hour. How many cc's or minims should be given?

cc's _____ minims _____

C. Calcium gluconate, one gram in 10 cc's is in your stock supply. How many cc's or minims do you need to give 100 mg p.o.?

cc's _____ minims _____

15. Characteristic symptoms indicating an over dosage of Digitalis are:

- A. Hallucinations, elevated temperature, diarrhea
- B. Stomach ulcerations, hallucinations
- C. Irregular pulse, extreme nervousness
- D. Nausea, pulse below 60

16. Which of these pieces of equipment should a nurse have available when a patient is receiving acetylcysteine (Mucomyst) via inhalation?

- A. Suction apparatus
- B. Nasal oxygen
- C. Ventilator
- D. Mist tent

Medication Competency Test

Name _____ Date _____

Page 4

17. A nurse should explain to the patient that the purpose of Z track injection technique is to:

- A. Decrease the pain associated with some injections
- B. Allow for rapid administration of the medication
- C. Prevent the medication from seeping out of the tissue
- D. Deliver a large dose of a medication into the muscle

18. A patient is to receive Demerol and Atropine Sulfate pre-operatively. The chief purpose of the Atropine Sulfate pre-operatively is to:

- A. Suppress peristaltic activity
- B. Potentiate the action of the narcotic
- C. Prevent a decrease in blood pressure
- D. Reduce bronchial secretions

19. Which of the following medications warrants monitoring the Potassium levels throughout the course of treatment prior to administration?

- A. Lasix and Digoxin
- B. Mannitol and Verapamil
- C. Valium and Aldactone
- D. Lasix and Isordil

20. A patient is to receive 100 mg of Dilantin liquid. Dilantin 125 mg/ 5 cc is available. How many cc's would you administer?

_____cc's