

\_\_\_\_\_  
Last Name

\_\_\_\_\_  
First Name

\_\_\_\_\_  
Date

**Directions: Choose the best answer for each question and mark an "x" in the box next to your answer.**

1. You have 15mg/ml of Morphine Sulfate available. This order is for 10 mg to be given. How much would you administer?

- A. .5 ml                       B. .66 ml  
 C. 6 ml                         D. 1 ml

2. You are given Demerol 75mg. The label in the vial reads Demerol 1 ml = 50 mg How much of the solution should you give?

- A. 1.5 ml                       B. 2.5 ml  
 C. .5 ml                         D. .8 ml

3. IV orders are given for a patient to receive 1000 ml of fluid every 8 hours. If the equipment delivers 15 drops per cc, the nurse should regulate the flow at approximately:

- A. 60 drops/min               B. 15 drops/min  
 C. 33 drops/min               D. 31 drops/min

4. You are to give 10 units of insulin. You have 20 units/ml available. How much do you need?

- A. 1.5 ml                       B. .25 ml  
 C. .5 ml                         D. 1.25 ml

5. Before administering Digoxin, the nurse should measure the patient's:

- A. Radial pulse in one arm  
 B. Apical Heart Rate  
 C. Radial pulse in both arms  
 D. Difference between apical and radial pulse

6. Nitroglycerin should be taken:

- A. Every two to three hours during the day  
 B. Before every meal and at bedtime  
 C. At the first sign of chest pain  
 D. Only when chest pain is not relieved by rest

7. A patient with cerebral edema from a recent head trauma is to receive Decadron (dexamethasone sodium phosphate) 10mg IV stat, followed by 4 mg IV every 4 hours. Decadron is supplied as 4mg/ml. How many ml will you give in the initial dose?

- A. 2.5 ml                       B. 4 ml  
 C. 1.5 ml                       D. 1 ml

8. Regarding the above question; how many ml will you give in each successive dose?

- A. 2 ml                         B. 4 ml  
 C. 1 ml                         D. 1.5 ml

9. A 1/4 grain of Morphine Sulfate is for a patient. How many mg is this? (60mg= 1.0 grain.)

- A. 15 mg                       B. 30 mg  
 C. 1.0 grain                   D. 20 grain

10. The physician orders Procaine Penicillin 600,000 units IM. The drug is labeled 300,000 units per ml. How many ml will the patient receive?

- A. 1 ml                         B. 2 ml  
 C. 4 ml                         D. 1.5ml



## MEDICATION ADMINISTRATION

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11. Zantac (rantidine hydrochloride) Syrup is supplied as 15mg/ml. A patient is to take 150mg BID. How many ml are to be taken each time?

- A. 15ml                       B. 10 ml  
 C. 5 ml                         D. 1.5ml

12. If a patient is taking Lasix 80mg IV as a one-time dose and the vial is labeled 100mg/10ml of normal saline solution. How much would you give?

- A. 0.08 ml                     B. 8ml  
 C. 0.8 ml                       D. 80 ml

13. The physician has ordered IV fluids at 75cc/hr. If the tubing is calibrated at 20gtts/ml, what is the drip rate?

- A. 20gtts/minute             B. 25gtts/minute  
 C. 75gtts/minute             D. 50gtts/minute

14. If a physician orders 2.5mg of Compazine per rectum, and the package is labeled Compazine suppositories 5mg,

you would administer.

- A. 1 suppository               B. 2 suppositories  
 C. 1/2 suppository             D. 1 1/2 suppositories

15. A patient needs 100mcg of Synthroid P.O. and the available dose is 25mcg/tablet. You would give:

- A. 2 tablets                     B. 4 tablets  
 C. 6 tablets                     D. 7 tablets

16. The physician orders 80 mg of Lasix P.O. Lasix 10mg/ml is available. You would administer:

- A. 4ml                             B. 8ml  
 C. 10ml                          D. 12ml

17. The only insulin that can be administered IV is:

- A. Regular                       B. NPH  
 C. Ultralente                   D. Lente

18. The longest acting insulin is:

- A. Regular                       B. NPH  
 C. Ultralente                   D. Lente

19. A patient is receiving Coumadin. Which of the following tests would be appropriate to determine the daily dosage of this anticoagulant?

- A. Prothrombin time           B. Clotting time  
 C. Bleeding time                D. Sedimentation rate

20. Instructions to a patient receiving postoperative Atropine would include the fact that he may experience:

- A. Ringing in his ears         B. Drowsiness  
 C. Dry mouth                     D. Decreased pain