MEDICATION ADMINISTRATION

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. 1.5 ml
11. Zantac (ranitidine 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

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