Semester 2 Practice Test *(for students going into Semester 2)*

(20 questions, Types 1, 2, 3, 4, 5, 6, 8, 12, 14, 15, 17, and 18)

*****Hint: converting lbs. -> kg. round to the nearest tenth***

---

1. NS with Ammonium Chloride is infusing at a rate of 131 mL/hr. The IV solution was prepared by adding 200 mEq of Ammonium Chloride to NS. The final solution contained a total volume of 1,000 mL. How many mEq are infusing per hr?

2. 0.15 g of Ethmozine (Moricizine Hydrochloride) has been prescribed. 300 mg of Ethmozine is available in scored tablets. How many tablets should be administered?

3. 250 mL of IV fluid contains 36 mcg of ReoPro (Abeiximab) per mL. The solution was prepared by adding the ReoPro to NS. How many mcg of ReoPro are contained in the solution?

4. Nitroprusside is to be infused at a rate of 1.5 meg/kg/min. 50 mg of Nitroprusside has been added to D5W. The final solution has a volume of 500 mL. Your patient's current weight is 72 kg. The IV should be infused at how many mL per hr?

5. 40 mg of Hydroxyzine must be prepared. How many mL should be prepared using a 10 mL ampule labeled 50 mg in 1 mL?

6. Drisdol (Ergocalciferol) is available in liquid form labeled 5,000units i 1 mL 8,000 units of Drisdol has been prescribed PO. How many mL should you administer?

7. An infant weighs 15 lbs. You determine that 15 lbs is equivalent to ___ kg.

8. Tambocor (Flecainide Acetate) has been prescribed for a patient with a current BSA of 1.1. The drug literature recommends 100-150 mg/m2/day. In checking the

appropriateness of the drug order, you determine that ___to___mg of Tambovor would be an appropriate dose per day.

9. An IV solution contains 10 mg of Neo-Synephrine (Phenylephrine). 10 mg of Neo-Synephrine is equivalent to how many meg?

10. An adult weighs 157 lbs. is equivalent to ___kg.

11. Haldol (Haloperidol) is available in mg. 500 mcg of Haldol must be prepared. How many mg of Haldol should be prepared?

12. 1/8 gr of Morphine must be prepared. Morphine is available in mg. How many mg of Morphine should be prepared?

13. Morphine is available in mg. ¼ gr of Morphine must be prepared. How many mg of Morphine should be prepared?

14. An IV will be administered using an infusion pump that delivers mL/hr. 0.45% NaCl(0.45% Sodium Chloride) has been prescribed to run IV at a rate of 42 mL/30 min. The IV should infuse at how many mL/hr?

15. 10 mg of Primacor (Milrinone Lactate) has been added to D5W. The final solution has a volume of 100 mL. You realize that the IV solution contains ___ mg of Primacor per mL.

16. 2 tsp of cough medicine has been prescribed. A measuring device marked in mL is being used. How many mL should be administered?

17. 100 mg of liquid Doxycycline has been prescribed. 100 mg is contained in 10 mL. A measuring device marked in tsp is being used. 10 mL is equivalent to how many tsp?

18. 594 mg of Cefizox (Ceftizoxime) must be prepared. The Cefizox is available in a vial of powdered drug containing 1 g. Directions accompanying the drug state: Add 3 mL of diluent to yield 270 mg in 1 mL. How many mL

19. You need to verify that a prescribed dose of Bretylol (Bretylium Tosylate) for a patient currently weighing 67 kg is appropriate. The drug literature recommends 5-10 mg/kg/dose. You determine that an appropriate dose for this patient would be ___to___ g per dose.

20. Your patient's current weight is 68 lbs. Procainamide Hydrochloride is to be infused at 50 mcg/kg/min. How many mcg of Procainamide Hydrochloride should you infuse per min?

ANSWER KEY

1. 26;0.437
2. 0.5
3. 9,000
4. 65
5. 0.8
6. 1.6
7. 6.8
8. 110;165
9. 10,000
10. 71.4
11. 0.5
12. 7.5
13. 15
14. 84
15. 0.1
16. 10
17. 2
18. 2.2

19. 335;670
1,545