

Pre-Admission Practice Test
(for students applying for entry into the Nursing Program)
(20 questions, Types 1, 2, 3, 4, and 5)

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

1. Aspirin is available in mg. 5 gr of Aspirin must be prepared. How many mg of Aspirin should be prepared?

2. You have on hand a vial of Ampicillin in powdered form labeled 1 g. 1 g of the Ampicillin must be prepared. You reconstitute the drug as directed, adding 3.4 mL of diluent to yield strength of 250 mg in 1 mL. In preparing to administer the drug, how many mL should you withdraw from the vial?

3. 0.5 mg of Inderal (Propranolol Hydrochloride) must be prepared. How many mL should be prepared using a 1 mL ampule labeled 1 mg in 1 mL?

4. A child weighs 64 lbs. You determine that 64 lbs. is equivalent to how many kg?

5. Aspirin is available in mg. 7.5 gr of Aspirin must be prepared. How many mg of Aspirin should be prepared?

6. 2.5 mg of liquid Urecholine (Bethanechol Chloride) has been prescribed. 2.5 mg is contained in 2.5 mL. A measuring device marked in tsp is being used. 2.5 mL is equivalent to how many tsp?

7. 1,000 mg of liquid NegGram (Nalidixic Acid) has been prescribed. 1,000 mg is contained in 20 mL. A measuring device marked in tsp is being used. 20 mL is equivalent to how many tsp?

8. A child weighs 20 lbs. You determine that 28 lbs. is equivalent to how many kg?

- 9.** 30 mg Protamine Sulfate must be prepared. How many mL should be prepared using a 25 mL ampule labeled 10 mg in 1 mL?
- 10.** 0.5 g Ancobon (Flucytosine) has been prescribed po. The Ancobon is available in capsules labeled 500 mg. How many capsules should you administer?
- 11.** Morphine is available in mg. 1/8 gr of Morphine must be prepared. How many mg of Morphine should be prepared?
- 12.** Dihydrotestosterone is available in liquid form labeled 0.2 mg in 1 mL. 800 mcg of Dihydrotestosterone has been prescribed po. How many mL should you administer?
- 13.** A 1 g vial of powdered Mandol (Cefamandole) is available. Directions for reconstitution state: Add 3 mL of diluent to yield 285 mg in 1 mL. To prepare a dosage of 300 mg how many mL of Mandol should you withdraw from the vial after reconstituting the drug as directed?
- 14.** Thorazine (Chlorpromazine Hydrochloride) is available in 100 mg tablets. 0.2 g has been prescribed po. You should administer how many tablets?
- 15.** Doxycycline is available in mg. 0.2 g of Doxycycline must be prepared. How many mg of Doxycycline should be prepared?
- 16.** An IV solution contains 40 mg of Dopamine. 40 mg of Dopamine is equivalent to how many mcg?
- 17.** An infant weighs 15 lbs, 8 oz. You determine that 15 lbs, 8 oz is equivalent to how many kg?

18. Dopamine is available in a 5 mL ampule labeled 40 mg in 1 mL. 105 mg of Dopamine must be prepared. How many mL should you withdraw from the ampule in preparing the drug?

19. Bentyl (Dicyclomine) is available in liquid form labeled. 10 mg in 5 mL. 5 mg of Bentyl has been prescribed po. How many mL should you administer?

20. 3 ½ tsp of cough medicine has been prescribed. A measuring device marked in mL is being used. How many mL should be administered?

ANSWER KEY

1. 300
2. 4
3. 0.5
4. 29.1
5. 450
6. 0.5
7. 4
8. 12.7
9. 3
10. 1
11. 7.5
12. 4
13. 1.1
14. 2
15. 200
16. 40,000
17. 7
18. 2.6
19. 2.5
20. 17.5