MEDICATION CALCULATION TEST

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer the following medication calculation questions. Please show how you determined the dosage.

Oral dosage:

1. The order reads: Give 500 mg of ampicil in sodium when the dose you have been supplied is 250 mg pill form. How much medication do you give?

2. The order reads: Give 20 mg Lisinipril pc daily. You are supplied with 10 mg tablets. How many tablets do you give?

Liquid dosage:

3. Give 375 mg ampicillin pc and are supplied with ampicillin 250 mg/ml. Calculate what amount in ml you would give?

4. The order reads: Give 400 mg Dilantin po every 4 hours. You are supplied with Dilantin 100 mg/ml. Calculate the amount in ml. you would give?

Parenteral dosage:

5. Give client 40 mg Gentamcilin C complex sulfate IV. You have a multidose vial with a strength of 80 mg/2 ml. You would give what amount?

6. Give 1 mg Morphine IM every 2 hours for pain. You are supplied with a multi-dose vial that contains Morphine 10 mg/ 10 ml. How much will you draw up?

7. You have an order for 5 mg Morphine every 4 hours for pain. You are supplied with a multi-dose vial that contains Morphine 20 mg/ml. How much do you draw up and give?

8. Give 12.5 mg of Demerol IM every 4 hours for pain. You are supplied with a multi-dose vial that contains Demerol 25 mg/ml. How much will you draw up and give?

Insulin dosage:

9. You order reads: Give 10 units of regular insulin sq for blood sugar of 400. You are supplied with a multi-dose vial of regular insulin that contains 100 u/ml. How much insulin do you draw up? You are using a 50 unit insulin syringe. Answer: Demonstrate to instructor on 50 unit syringe, draw up to first dark line.

Heparin dosage:

10. You have an order to give 5000 units of heparin sq once daily. You have been supplied with a multi-dose vial containing heparin 10,000 units/ml. How much heparin is drawn up in the syringe?

MEDICATION CALCULATION TEST KEY

1. 2 pills

2. 2 pills

3. 1.5 ml

4. 4 ml

5. 1 ml

6. 1 ml

7. 25 ml

8. .5 m

9. 10 units

10. .5 ml