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Medication Math Packet #1

Due Date: 8/17/2020

Time: 0830

Instructions – Page 2

1. **Complete the packet.**

2. *Use the Answer Sheet to record your answers. The answer sheet is a fillable form. Fill it out, save it and send it to me as an attachment to an email through LMS.*

3. <mark>**For MAC users:**</mark>
   Save the form in Rich Text Format (RTF) so I can open it.
   Instructions to do that are:
   a. Open the document in Word on your Mac
   b. Fill out the answer sheet
   c. Click the "Save as Type" drop-down menu and click the "Rich Text Format" option.   d. Then save the file and place in the drop box.

4. **You can turn it in prior to the official due date.**

<mark>**It must be turned in by the due date and time noted on the cover page.**</mark>

<mark>**No minimum score is required, just complete it and turn it into me.**</mark>

Instructional Module 1
Medication Math Packet

1. A patient receives a 4 oz. bottle of cough syrup.
    The instructions are to take 1 ½ teaspoons QID until finished.
    How many days will the bottle last?

A. 2 days	B. 4 days	C. 5 days	D. 7 days

Use this information for Questions #2 and #3

Order: 750 mg of a medication to be given in 3 equal doses daily
Available: 125 mg/ 5 mL

2. How many mL of the medication should be given per dose?

3. How many mg of the medication should be given per dose?

Complete these conversions – Questions #4 to #8

4. 30 mL   =   _____ tsp / _____ Tbsp / _____ oz

5. 186 lb   =   _____ kg

6. 480 mL   =   _____ cup

7. 150 lbs   =   _____ kg

8. 80 kg   =   _____ lbs

9. Order: Administer 90 mg propranolol PO x 1
    Available: propranolol 40 mg / mL
    How many mL should the nurse administer?

Use this information for Questions #10 and #11

A patient is to take 2 teaspoons of a liquid medication every 6 hours x 8 days.

10. How many teaspoons per day?

11. How many teaspoons at the end of 8 days?

12. 30 mg = ____ g

13. 5 tsp = _____ mL

14. Calculate the fluid intake in mL for the items
    3 oz. grape juice + 6 oz. broth + 9 oz. coffee + 12 oz. soft drink

15. Order: Administer 1.5 g amoxicillin PO daily divided in three equal doses
    What is the dosage in mg per dose?

16. Order: Administer codeine 30 mg PO q 6 hours prn pain score 5 or >
    Available: codeine 70 mg / mL
    How many mL provides 1 dose?

17. Order: Administer fluorouracil 6 mg/kg/day IV x 1 dose, not to exceed 800 mg per day
    Available: fluorouracil 1 g/20 mL
    Patient's weight: 200 lbs
    How many mL for the dose? Round to the nearest whole number
    Is the dose within the limit for a daily dose?

18. Order: Administer progesterone 1.5 mg PO daily
    Available: progesterone 600 mg / scored tablet
    How many tablets should be administered per dose?

19. A patient's output for the 3 to 11 pm shift:
    1500 Urine: 325 mL + Emesis: 75 mL
    2100 Urine: 225 mL
    2200 Nasogastric tube drainage: 200 mL
    2300 Wound drain 50 mL of wound drainage
    What is the amount in liters?

20. Administer chloral hydrate 200 mg X 1 dose
    Available: chloral hydrate 250 mg/mL
    How many mL should be administered?