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Medication Math Packet #3

Due Date: Monday, 6-7-21

Time: 1600

Instructions

1. Complete the packet.
2. Use the separate Answer Sheet to record your answers.
3. Turn in the Answer Sheet **only** to Mrs. Dutton by due date and time.
4. You can turn it in prior to the official due date.
5. **Required score - 80%.**

Instructional Module 1

Medication Math Packet

Use this information for Questions #1 and #2

Order: 750 mg of a medication to be given in 3 equally divided doses daily
Available: 125 mg / scored tablet

1. How many tablets should be given per dose?
2. How many tablets should be given in 24 hours?
3. Administer: medication 2.5 g PO daily in 3 equal doses
What is the amount of mg in each dose?
4. Administer: medication 8.5 mg PO daily
Available: 10 mg/5 mL
What is the quantity of mL per dose?
5. Order: Administer 3 Levothyroxine sodium tabs PO daily. Available:
75 mcg/tablet.
How many mg will the patient take each day?

Complete these conversions: Questions - #6 and 7

6. 0.05 L = _____ mL
7. 25 kg = _____ g
8. Order: bupropion SR 50 mg PO bid
Available are 100 mg tablets.
How many tablets per dose?
9. Available: acetaminophen 160 mg /5 mL
Order: acetaminophen 480 mg PO every 4 hours PRN fever greater
than 100.4° What volume should be administered for a single dose?
10. Administer Morphine 7.5 mg IM now
Available: Morphine 10 mg/mL
What volume should be administered?
11. Order: Vasotec 10 mg PO BID

Available: Vasotec 2.5 mg/tablet

How many tablets should be administered for the day?

12. Administer chloral hydrate 200 mg X 1 dose
Available: chloral hydrate 250 mg/mL
What volume should be administered?
13. Administer acetaminophen 500 mg X 1 dose
Available: acetaminophen 200 mg /3.5 mL
What volume should be administered?
14. Administer chlorpromazine 16 mg X 1 dose
Available: chlorpromazine 5 mg /5 mL
What volume should be administered?
15. Administer atropine 0.4 mg is order IM now
Available: atropine 0.2 mg/0.5 mL
What volume should be administered?
16. Order: Administer 2.5 mg of a medication daily subcutaneously
Available: 4 mg/5 mL.
What quantity of mL delivers the dose for this patient?
17. Available: 50 mg/tablet
Order: 75 mg PO TID
How many tablets are required to deliver the dose for the entire day (24 hours)?
18. Order: 50 milligrams of amoxicillin trihydrate orally tid
Available: 125 mg/5 mL syrup
How many mL should the nurse administer per dose?

Use this information for Questions #56 to #62

- A. Not for injection
- B. 125 mg/5 mL
- C. 113 mL
- D. Room temperature, discontinue after 14 days, shake well
- E. Water
- F. 150 mL
- G. Liquid - oral suspension

Match the answers - A. to G. - with the numbered question

- 19. Form _____
- 20. Volume used to dilute _____
- 21. Mix with this diluent _____
- 22. Dosage strength when reconstituted _____
- 23. Total volume when reconstituted _____
- 24. Warning _____
- 25. Instructions _____