Instructions:
- Do NOT use a calculator for any of the questions.
- Time yourself and see how long it takes you to complete all of the questions.
- Answers are provided at the end of the document so that you can double check your work.

Part 1: Patient Assessment

Questions
1. Perform the following conversions. (Round to the nearest tenth, if necessary.)
   a) 480 mL (to cups)
   b) 15 in (into cm)
   c) 1930h (into standard time)
   d) 1\(\frac{3}{4}\) cups (to mL)
   e) 360 mL (into fl oz)
   f) 87 kg (into lb)
   g) 6 L (into cups)
   h) 3.5 cups (into fl oz)
   i) 24 fl oz (into cups)
   j) 37°C (into °F)
   k) 135 lb (into kg)
   l) 160 cm (into in)
   m) 12 PM (into military time)
   n) 104°F (into °C)

2. A patient consumes 1 cup of coffee and 6 oz of milk for breakfast, 2 cups of water and 2 oz of gelatin for lunch, and ½ cup of juice for dinner. The patient voided three times during the shift for 150 mL, 280 mL and 120 mL of urine. Calculate the I&O from 6 AM to 6 PM.

3. The patient consumes the following liquids during the day: 3 cups of water, 20 oz of ice chips, 180 mL of coffee, and 240 mL of juice. What is the total intake for the day (in milliliters)?

4. A patient is NPO and is receiving D5 ½ NS with 20 mEq KCL at 125 mL/h. The patient voided three times during your shift for 300 mL, 280 mL, 440 mL. Calculate the I&O from 6 AM to 6 PM.

5. A patient receives 6 oz of Pulmocare every 6 hours followed by 2 oz of water per gastronomy tube on an 8-2-8-2 schedule. The patient also consumes 4 oz of ice chips throughout the day. The patient’s Foley catheter is emptied of 450 mL of urine at 5 PM. Calculate the I&O from 6 AM to 6 PM.
Part 2: Oral Drug Dosage Calculations

6. The patient is taking minoxidil 30 mg daily for hypertension. How many tablets will you administer per dose if the drug comes in 10 mg tablets?

7. The physician orders lithium carbonate 600 mg po two times a day. The drug is supplied in 300-mg scored tablets. How many tablets will the nurse administer per dose? How many milligrams will be given each day?

8. The physician orders Halcion 0.25 mg po at bedtime. How many tablets will the nurse administer per dose, if each tablet contains 125 mcg of medication?

9. The physician’s order reads, “Decadron 1.5 mg po q12h.” You have Decadron elixir 0.5 mg/5 mL on hand. How many milliliters will you administer per dose? How many milliliters will the patient consume in 24 hours?

10. Your patient has indigestion and is prescribed Mylanta 30 mL po pc QID. Mylanta is supplied in a 360-mL bottle. How many doses are there in one bottle?

11. The physician’s order says, “Phenergan 25 mg po TID” for relief of nausea. The drug is available as a syrup containing 6.25 mg/5 mL. How many milliliters will you administer per dose? How much per day?

12. Mrs. Bane receives Lanoxin 250 mcg po daily for atrial fibrillation. If the drug is available as 0.125 mg - scored tablets, how many tablets will the nurse administer per dose?

13. The physician orders Tegretol 0.3 g po three times a day for the patient’s epilepsy. How many tablets will the nurse administer per dose if the medication comes in 100 mg chewable tablets? How many grams of medication will the patient consume in one day?

14. The order says, “Phenobarbital 60 mg po two times a day.” The drug label says, “elixir contains 20 mg of phenobarbital per 5 mL”. How many milliliters of medication should you give to the patient at one time? How many fluid ounces is this?
15. The patient receives Keflex 0.5 g po four times a day. You have Keflex 250-mg capsules available. How many capsules will you administer per dose? Per day?

16. For each order and drug label below, calculate the amount to be administered with each dose. (Ensure you include the correct units, i.e. mL, tablets, etc).

<table>
<thead>
<tr>
<th>Physician’s order</th>
<th>Drug label</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) “Thorazine 0.1 g IM BID”</td>
<td>[Image of Thorazine package]</td>
</tr>
<tr>
<td>Single dose: ________________</td>
<td>[Details of Thorazine package]</td>
</tr>
<tr>
<td>Daily dose: ________________</td>
<td>[Details of Thorazine package]</td>
</tr>
<tr>
<td>b) “Warfarin 6 mg po once daily”</td>
<td>[Image of Warfarin package]</td>
</tr>
<tr>
<td>Single dose: ________________</td>
<td>[Details of Warfarin package]</td>
</tr>
<tr>
<td>Daily dose: ________________</td>
<td>[Details of Warfarin package]</td>
</tr>
<tr>
<td>c) “Augmentin 0.25 g po q8h”</td>
<td>[Image of Augmentin package]</td>
</tr>
<tr>
<td>Single dose: ________________</td>
<td>[Details of Augmentin package]</td>
</tr>
<tr>
<td>Daily dose: ________________</td>
<td>[Details of Augmentin package]</td>
</tr>
<tr>
<td>d) “Acetaminophen 1 g po BID”</td>
<td>[Image of Acetaminophen package]</td>
</tr>
<tr>
<td>Single dose: ________________</td>
<td>[Details of Acetaminophen package]</td>
</tr>
<tr>
<td>Daily dose: ________________</td>
<td>[Details of Acetaminophen package]</td>
</tr>
</tbody>
</table>
PRACTICE TEST #2
PNUR 145

Answers:

1. a) 2 cups  
   b) 37.5 cm  
   c) 7:30 PM  
   d) 420 mL  
   e) 12 fl oz  
   f) 191.4 lb  
   g) 25 cups  
   h) 28 fl oz  
   i) 3 cups  
   j) 98.6°F  
   k) 61.4 kg  
   l) 64 in.  
   m) 1200h  
   n) 40°C  

2. Intake is 1080 mL. Output is 550 mL.

3. Total intake is 1440 mL.

4. Intake is 1500 mL. Output is 1020 mL.

5. Intake is 540 mL. Output is 450 mL.

6. 3 tablets.

7. 2 tablets per dose. 1200 mg each day.

8. 2 tablets.

9. 15 mL per dose, 30 mL per day.

10. 12 doses.

11. 20 mL per dose, 60 mL per day.

12. 2 tablets.

13. 3 tablets per dose, 0.9 grams of medication per day.

14. 15 mL, which is ½ fl. oz.

15. 2 capsules per dose, 8 capsules per day.

16. a) single dose: 4 mL. daily dose: 8 mL.