HS140 Unit 7 Assignment: Endocrine Case Study and Converting Between Measurement Systems

### Name:

Part 1: Case Study

Please answer the case questions in complete sentences. If you use a reference source other than your textbook, please site it in APA format. Each question is worth 5 points.

Amy is 25 and has been diagnosed with hyperthyroidism and is given medication.

1. What symptoms of hyperthyroidism might she have been experiencing?
2. What is the likely medication and how does it act?
3. While on the medication Amy suddenly develops excessive sweating, palpitations, chest pain, and hyperventilation. What is this condition and how is it treated?

Part 2: Dosage Calculations

Please solve the dosage calculation, showing your work. Each question is worth 10 points.

1. Ordered: 5 mg po tid

 On hand: 2 mg scored tablets

* How many tablets do you need for each dose?
* How many tablets do you need for a sixty day supply?
1. Ordered: 200 mg po q8h

 On hand: 110mg/5 mL

* How many mL’s do you need for each dose?
* How many mL’s do you need for a one-day supply?
1. Ordered: 2.5 g

 On hand: 50 mg/mL

* How many mL’s do you need to give the ordered amount?
1. Ordered: 120 mL

On hand: tsp

* How many tsp’s do you need to give the ordered amount?
1. Ordered: 240cc (a cc is the same as a mL)

On hand: oz

* How many ounces do you need to give the ordered amount?