The Anatomist: Chapter Two Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Write Answers in complete sentences.

1. How does Henry Gray describe the skeleton? Provide two points. (+2)
2. What was the first drawing of a bone that Carter provided for this chapter? Where is this bone located? (+2)
3. Give me an overview of Henry Carters family composition/history and how each person may have sparked his interests in medical artistry (7 relations described)? How did Henry get his name? What is Carters nickname? Where did he eventually go to medical school? (+6)
4. How does the main character believe that Gray and Carter met? What did he do to try to discover the answers to their actual, initial meeting? (+2)
5. Describe the item that was scanned to the microfilm. Why was this object important to the main character? What was the importance of the date 1848? (+3)
6. Why does a pharmacist have to take an anatomy dissection lab if they will never provide therapy or surgery?(+2)
7. What does “gross” mean in German? (+1)
8. What organ does Dr. Rohde bring to the table? She gives the students a goal for that day in lab and references to a landmark you get at birth. What was the goal and how did the landmark originate? (+3)
9. Questions set: (+15)
   1. Describe the cut Amy made? What was the cut called?
   2. Where was the cut made? Describe this location.
   3. How did Amy uproot the organ? Where did she place it?
   4. How many chambers does the heart have? What are their names and locations?
   5. What final incisions did Amy make?
   6. Describe the texture of the heart.
   7. What was the aorta?
   8. What were the smaller vessels sometimes called and why?
   9. The instructor told the group to rinse out the heart. Why?
10. Question set (path of blood through the heart): (12 pts)
    1. What are the two veins that dump blood into the first chamber? What is this chamber called? What is the blood like?
    2. What does superior and inferior mean?
    3. What is the second chamber?
    4. Where does the blood go after the second chamber?
    5. What is the only vein that carries oxygenated blood? Where does it carry blood to?
    6. What are the third and fourth chambers?
    7. Which chamber has the thickest, strongest walls and why?
    8. Through what vessel does blood leave the heart?
11. Explain this quote by referencing to specific anatomical locations: “the heart feeds itself first.” (+2)
12. Question set (the scar): (+5)
    1. Where was “the scar” found?
    2. What was its structure and purpose in utero?
    3. What happens at this location when a baby is born?
    4. What is the anatomical term for this location?
    5. What happens if the shunt doesn’t heal properly?
13. Question Set: (+9)
    1. What is the S-A node? What is the common and complete anatomical name?
    2. Where is it located in the heart and what is it made up of?
    3. What is its purpose? How is this purpose accomplished?
    4. What bone is it positioned under? Where is this bones position in relation to the entire body?