Name: \_\_\_Gage Farmer\_\_\_\_\_\_\_\_\_

**Writing Project IC: Part 3 of 5 (40 points) // Chapters 18-23 *The Immortal Life of Henrietta Lacks***

**Part I. Short answers (2 points each)**

1. What did Henry Harris and John Watkins do?

They fused HeLa cells with mouse cells and created the first human-animal hybrids. This allowed them to study what genes do and how they work.

1. What did Joe plead?

Guilty to murder in the second degree

1. What did Joe’s lawyer say in his defense?

That Joe is aggressive because he had a bad childhood and developed an inferiority complex, causing him to lash out when confronted.

1. What did Deborah do to Cheetah that ended their relationship?

She pushed him down the stairs and dragged him outside to be left in the cold all night. She SAID she was going to kill him, but instead just moved out of the house.

1. What did Stanley Gartler claim that many rejected?

That the studies done for years on this topic had been a waste of time and money, and should simply be discarded.

1. How could Gartler prove it?

By showing that the scientists were just growing and regrowing HeLa, rather than creating a library of human tissues, because the HeLa cells contaminated outside cell lines.

1. What was Bobette’s impression of Johns Hopkins?

That they would kidnap black people to do experiments on them.

1. What did Richard Nixon announce about cancer?

That scientists would cure cancer within five years. Just in time for the United States Bicentennial.

1. What were the “HeLa hit lists”?

A list including any HeLa contaminated cell lines, along with the names of the researchers who had given Nelson-Rees the cells.

1. What book did McKusick give to Deborah to explain more about cells?

“Medical Genetics”

BONUS: Who was Susan Hsu?

A director of medical genetics at the American Red Cross.

# Part II: Short Answer (Approx. 5-7 sentences/each) (10 points/each)

* 1. Explain Johns Hopkins’ vision, and contrast that with some of the negative perceptions.

Hopkins’ vision was essentially to provide medical care to those who could not otherwise afford or access it. He wanted this hospital to take care of everyone regardless of sex, age, or color, who required surgical or medical treatment, and do so without charge. This hospital was intended to help those who were less fortunate than others, though it is perceived in this book as a hospital which uses the less fortunate to conduct dangerous experiments on. These perceptions are not without reason though, as there have been several instances in which the hospital has conducted experiments on patients, or has used things collected from them, without consent or knowledge.

* 1. List ten discoveries HeLa played a part in up to this point in the book.
     1. Can grow corneas (treat blindness)
     2. Grew a human-mouse hybrid
     3. Allowed chickens to reproduce again
     4. Polio research
     5. Many modern chemotherapy drugs
     6. Effects of space travel on cells
     7. Effects of steroids on cells
     8. Effects of hormones on cells
     9. Study of hemorrhagic fever