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

**Writing Project IB: Part 2 of 5 (40 points) // Chapters 9-17 of *The Immortal Life of Henrietta Lacks***

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

1. What news organization made the documentary Courtney had the author watch?

The BBC

1. For which “one reason” was the “HeLa factory” built?

To help stop polio

1. What was Henrietta’s death bed request to Gladys?

To make sure Day takes care of the children, especially Deborah

1. What does the law say about autopsies in Chapter 12?

That one would need permission from her husband to perform it.

1. What did Mary see as she was taking samples that humanized Henrietta to her?

Henrietta’s toenails, with red nail polish on them

1. Who is credited with developing the first polio vaccine?

Jonas Salk

1. Why did the test for the vaccine use HeLa cells rather than monkeys?

Because monkeys were much more expensive than the infinitely growing HeLa cells

1. Explain how a virus reproduces.

A virus attaches to the host cell and injects it’s DNA, then it replicates itself from that cell and releases more viral RNA to spread and do the same thing to other cells

1. What is the Tuskegee Institute?

One of the most prestigious black universities in the country

1. How did the name Lacks Town come about?

After the land was divided, the upper plot given to the black Lackses and was named Lacks Town

**BONUS**: Who was Henrietta’s maternal grandfather?

Edmund

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

Explain with specific examples how Henrietta’s children suffered growing up without their mother.

Henrietta’s children had suffered growing up without their mother in many ways. The primary reason for this suffering is due to Ethel moving into the Lacks home to take care of the children, and taking out her hatred of Henrietta on them. Ethel would starve the children, make them work too hard, and beat them. Joe would end up being the victim of most of her abuse, as she would tie him up in the basement and leave him there for a long time. On top of this, she would beat him with a belt, and if he cried, hit him even harder. Deborah would also be abused in her own way, as she was a victim of sexual assault by Ethel’s husband Galen. Worst of all, Day either didn’t seem to know or care that any of this was going on in his own household, to his own children.

Explain Southam’s case and how it changed medical research practices.

Southam was a virologist who had done many experiments on the HeLa cells, which consisted of injecting them into healthy patients in order to study the effect of the cells on the immune system. He did this study without consent, or even informing the patients of the entirety of what was going on. With this, he ended up killing many people, so he would go on to get more healthy patients from the Ohio State Penitentiary system (hey that’s our state, cool!), and would do the same thing over and over again. Southam in all of his tests would inject hundreds of people with cancer without their consent or knowledge, his reasoning being that they would reject the offer if they knew about what was going on. From this, three Jewish doctors eventually refused to carry out his injection experiments as they were aware of what horrific things he was doing. Soon after, the Nuremburg Code was created to set forth 10 ethical points for scientific experimentation.