Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Biology 1 Extra Credit (5 pts)**

Documentary Review of An Inconvenient Truth

1. Who were the two teachers Al Gore talked about and what was important about these stories and what affect did it have on him?

1. Explain the Global Warming cartoon shown in the movie.
2. Why does the red graph of CO2 go up and down each year?
3. List four specific examples used to show glacier retreating.
4. What event occurred to cause a visual change in ice core samples?
5. What was “Albert’s Accident” and how did it affect Al Gore?
6. When has the 10 hottest years occurred? What was the hottest year?
7. What causes stronger storms? How many typhoons did Japan have in its record year? What was the previous record? What was occurring in the United States at this time? What did hurricane Katrina do to increase its strength?
8. How does precipitation change during global warming? What was the amount of rainfall in India during a 24 hour period? What has happened to Darfur and Niger?
9. What are the events Al Gore called “Canaries in a coal mine” and what consequences have they had?
10. How much is the temperature predicted to change at the equator in the movie? At the equator? What does this have a major influence on?
11. How does global warming affect the seasons? What affect did that have on invasive species? Name two examples he used to demonstrate this?
12. Explain what is happening to land based ice vs. sea based ice. How high would sea levels rise in Greenland and the Artic melt?
13. What are the three factors that have caused a collision between us and the earth? Explain each.

a)

b)

c)

1. What industry was his dad in and what happened to his sister? How has this changed Al Gore’s views?
2. What are the three misconceptions of global warming? What were his explanations of these events?

a)

b)

c)

17. List five things mentioned you can do to change global warming at the end of the movie.