**GLOBAL CLIMATE CHANGE – CHAPTER 10**

Using your textbook pages 368-387 **AND OTHER RESOURCES WHERE NECESSARY**, answer the following questions

1. **IMAGE ANALYSIS**

Look through the textbook pages 368-387. For every image and chart found, answer the following questions

1. Describe the image in words (20 or less).
2. What was the point of including that image in the textbook? Another way of asking this is what information does the image communicate?
3. After completing the image analysis, read over your part b descriptions and summarize what you think the intended purpose of this chapter is (50 words min)
4. **CLIMATE CHANGE QUESTIONS**
5. What is the difference between weather and climate?
6. What is the greenhouse effect?
7. What is the difference between air pollution and greenhouse gases?
8. Describe how scientists can tell what the climate was hundreds or thousands of years ago using glacial ice?
9. Describe 3 different effects of global climate change?
10. Define biodiversity. What impact will climate change have on biodiversity?
11. What is the difference between climate change mitigation and climate change adaptation?
12. What role does ozone play in global climate change?
13. What are the effects of ozone depletion?
14. In a paragraph of at least 50 words, describe what a climatologist does