**Environmental Science Midterm Review Part 2**

1. How does a population differ from a community?
2. Why are decomposers important in an ecosystem?
3. Describe primary succession.
4. How are keystone species different from invasive species?
5. How can humans negatively impact the environment?
6. What are two disadvantages of ex situ remediation?
7. How do greenhouse gases differ from non-greenhouse gases?
8. How are humans causing ocean acidification? What are some of the negative consequences of ocean acidification?

 9) Why are climate proxies important for proving climate change is happening?

1. Label the following feedback cycles as positive or negative, explain why, and draw a model of the feedback loop. If the feedback loop is positive, explain something that could stabilize it. If it is negative, list something that could cause it to shift towards an extreme.

A) You have so much homework every night that you are very sleep-deprived. Because you are so tired, your brain does not function very well and it takes you even longer to finish your work. As a result, you end up staying up even later and becoming even more sleep-deprived.

B) In the carbon cycle, an increase in the amount of CO2 in the atmosphere increases plant growth. With increased plant growth, there is an increase in the amount of photosynthesis. With more photosynthesis, more CO2 is removed from the atmosphere.