

Name _____

Date _____ Period _____

Environment and Ecology Test Study Guide

Review your vocabulary! Complete the following questions to the best of your ability and review these concepts:

1. Explain the difference between a producer, consumer, and decomposer.

2. What are the characteristics of the following biomes?

Deciduous Forest

Temperate Rain Forest

Tropical Rain Forest

Boreal (Coniferous) Forest

Desert

Grassland (and Savannah)
3. Explain the difference between biotic and abiotic factors in an ecosystem.

4. What is a watershed? To which do we belong?

What is a wetland?

How are they related?
5. How are producers and consumers related in a food web?

6. Construct an energy pyramid including producers and 1st through 4th level consumers.

7. Explain how the greenhouse effect works. How is the greenhouse effect believed to affect climate change?