

*Use your notes, textbook, and handouts to prepare a study guide from the questions below. Do not limit your research to simple definitions. Do not write on this page. This activity is worth (20 pts.) and should be turned in the day of the test.

1. How is succession related to climax communities?
2. What influences an organism's level of tolerance?
3. What all makes up a biome?
4. What is the difference between primary and secondary succession?
5. What are the boundaries of the intertidal zone?
6. How is the photic zone different from the aphotic zone in a marine biome?
7. Explain what permafrost is and what biome it is found in.
8. What are the two types of plankton? Why is it so important?
9. List three characteristics of a desert biome.
10. Describe in detail an example of secondary succession.
11. List two limiting factors (one biotic and one abiotic) in an aquarium environment.
12. List two plants and animals you would find in the taiga.
13. What causes an estuary to form?
14. Describe the soils you would find in the tundra and tropical rainforest.
15. Explain how pioneer species and succession are related.