

EOC Ecology REVIEW

Directions: Below you will find questions that may appear on this years end of course examination.

On your own paper write out each question, skip a line then answer it. MAKE SURE YOU ANSWER ALL OF THE PARTS OF THE QUESTION. This teacher has provided the resources for you to find the answers. As you work within your groups, pay close attention to any other details within the resources for you get a full understanding of the material.

The titles in **BOLD** is where you can find the answers to these questions.

1. What is competition and how does it affect the habitat of species in an ecosystem?
INTERACTIONS IN THE COMMUNITY
2. Explain the relationship between predator and prey. Give one example that occurs in the Florida Everglades. **INTERACTIONS IN THE COMMUNITY**
3. In a parasitism relationship, who will receive the benefits and who is harmed. Give one example after you answer the question. **INTERACTIONS IN THE COMMUNITY**
4. Explain mutualism. **INTERACTIONS IN THE COMMUNITY**
5. What is the difference between a mutualism relationship and a commensalism relationship? After you answer the question, give two examples. **INTERACTIONS IN THE COMMUNITY**
6. What are the two causes (and effects) of competition in a community? **INTERACTIONS IN THE COMMUNITY**
7. Give two examples of commensalism relationships. **INTERACTIONS IN THE COMMUNITY**
8. What does a species need to have or develop to be considered a producer? **ROLES OF ENERGY TRANSFER**
9. Explain the relationship in terms of energy between a producer and a consumer. **ROLES OF ENERGY TRANSFER**
10. How is a food web designed? After answering this question, explain the purpose of a food web. **ROLES OF ENERGY TRANSFER**
11. How is parasitism, mutualism and commensalism related? After answering the previous question, explain how are they different. **INTERACTIONS IN THE COMMUNITY**
12. What is considered a population? **INTRODUCTION TO ECOLOGY**
13. Out of the three types of symbiotic relationships (mutualism relationship and a commensalism), which do you feel would spread the most disease among species? After answering the question, justify your answer. **INTERACTIONS IN THE COMMUNITY**
14. What would happen to a species if its food supply decrease? After answering the question, give an example. **INTERACTIONS IN THE COMMUNITY**

When you have completed this assignment, staple all papers together and place them in the bin.