



Ecology 101 Video Review Questions

1. What is ecology? _____

2. What two factors is the environment made up of? _____

3. What is the difference between biotic and abiotic factors? _____

4. List the levels of organization from largest to smallest. _____

5. Explain what each of the following is and give 2 examples of each.

- Organism - _____

- Population - _____

- Community - _____

- Ecosystem - _____

- Biosphere - _____

6. List the 3 main types of feeding relationships:

- _____

- _____

- _____

7. What is a consumer? _____

The four types of consumers are _____

8. What is a producer? _____

9. What is the difference between a primary and secondary consumer? _____

10. List the different types of consumers and write 2 examples for each:

- Herbivores - _____

- Carnivores - _____

- Scavengers - _____

- Omnivores - _____

- Decomposers - _____

11. What is the difference between a carnivore and omnivore? _____

12. How would it impact other organisms if decomposers were removed from an environment? _____

Check for Understanding: Answer the following questions using your knowledge of Ecology.

1. What is Ecology? _____

2. What is the primary focus of Ecology? _____

3. What is the difference between biotic and abiotic factors? Write 3 examples of each. _____

4. What is the difference between a community and an ecosystem? _____

5. What are the 3 types of feeding relationships? _____

6. What are the 4 types of consumers? _____

7. How are herbivores different from omnivores? _____

8. How are carnivores different from scavengers? _____

9. How do decomposers help complete the cycling of matter in an ecosystem? _____