

# Population & Ecosystems Unit Study Guide with ANSWER KEY

## Population & Ecosystems Unit Study Guide

1. What is logistic growth? What does it look like in a graph?  
a.
2. What is exponential growth? What does it look like in a graph?  
a.
3. What are limiting factors?  
a.
4. Why are competition, predation, herbivory, parasitism, disease, and stress from overcrowding density-dependent limiting factors?  
a.
5. What happens to a population in response to a density-independent limiting factor?  
a.
6. Explain why no two species can occupy the same niche at the same time?  
a.
7. List and describe the three main types of symbiotic relationships.  
a.
8. Explain why ecological succession occurs.  
a.
9. Describe the factors that affect the paths of secondary succession.  
a.
10. What is carrying capacity and in a graph how do you know when a  
hit its carrying capacity?



Covers Exponential and Logistic Growth,  
Ecological Succession, Carrying Capacity,  
Keystone Species, Genetic Diversity, and more!

# Population Biology Study Guide Answer Key

**Xiang Xie**



## **Population Biology Study Guide Answer Key:**

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