

# Unit 1 Test Outline

1. Characteristics of Life (list all seven with descriptions)
2. Levels of Organization (define and describe → Species → Population → Community → Ecosystem)
3. Habitat vs Niche (example and definition)
4. Competition and Predation (define and examples)
5. Symbiosis (3 kinds → define and give examples of each)
6. Autotrophs versus heterotrophs (define and examples)
7. Energy pyramid (define and describe), 10% rule, Biomass pyramid (which level has more mass)
8. Producers → Primary Consumers → Secondary Consumers → Tertiary Consumers (descriptions and examples)
9. Carnivores vs. Omnivores vs. Herbivores (define and examples)
10. Energy flow (Primary source of energy is \_\_\_\_\_)
11. Food chains and food webs (define and draw examples)
12. Primary succession vs. Secondary succession (define and give examples)
13. Exponential growth vs. Logistic growth (define and draw graphs)
14. Carrying capacity (graph showing steps)
15. Limiting factor (2 types → define each and give examples of each)
16. Innate behaviors vs. Learned behaviors (List and describe)
17. Structural vs. Behavioral adaptations (List and describe)