Ecology Test Study Guide

Write answers on a separate sheet of paper.

1. Name the 6 levels of ecological organization from smallest to largest.
2. An increase in what would cause an outbreak of Lyme disease in humans?
3. List 3 examples of abiotic factors.
4. List 3 examples of biotic factors.
5. What does a tolerance curve measure?
6. What is the difference between acclimation and adaptation?
7. What increases in the blood during elevation acclimation in humans?
8. What is the difference between a conformer and a regulator?
9. Name 2 ways for an organism to escape from unsuitable conditions.
10. What is a fundamental niche?
11. What is a realized niche?
12. What is the shape of an exponential growth curve?
13. What is the shape of a logistic growth curve?
14. What is the abbreviation for carrying capacity?
15. Which two symbioses have a (+,-) relationship?
16. Which symbiosis has a (+,+) relationship?
17. Which symbiosis has a (-,-) relationship?
18. Which symbiosis has a (+,0) relationship?
19. What is the difference between a food web and a food chain?
20. Define herbivore.
21. Define carnivore.
22. Define omnivore.
23. Define detritivore.
24. Define decomposer.
25. Ecology comes from the Greek word meaning what?
26. An ecosystem includes all \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ factors in an area.
27. Give 3 examples of human-caused environmental problems.
28. Which way do the arrows point in a food web?
29. What is a trophic level?