Ecology Test Review

Define the following words:

1. abiotic factors
2. climate
3. biotic factors
4. organism
5. population
6. community
7. ecosystem
8. producer
9. consumer
10. decomposer
11. food chain
12. food web
13. carnivore
14. herbivore
15. omnivore
16. symbiosis
17. limiting factor
18. predator
19. prey
20. adaptation
21. list 5 abiotic factors that effect an ecosystem
22. list the 3 types of symbiosis and an example of each
23. tell how a predator can be a limiting factor
24. tell how prey can be a limiting factor
25. list 3 basic needs and tell how they are limiting factors
26. what’s the carrying capacity of an ecosystem
27. explain the difference between population and community
28. explain the difference between community and ecosystem
29. draw the nitrogen cycle
30. explain the difference between food chain and food web
31. draw and label a food chain that has 4 steps beginning with the sun.
32. take your food chain and make an ecological pyramid out of it labeling producer, primary consumer, secondary consumer.
33. Why do food chains usually only have 3 or 4 steps?
34. Define the word adaptation and give 2 examples of adaptations that involve changes in body form and two examples of changes in behavior.