Name: _____

Chapter 5 Test

1. process by which plants, algae, & some bacteria use sunlight, carbon dioxide, & water to produce carbohydrates & oxygen

2. eat only animals

3. another name for consumers

4. give you energy to carry out daily activities

5. another name for producers

6. gradual process of change & replacement of the types of species in a community

7. a consumer that eats another consumer

8. process of breaking down food to yield energy

9. one of the steps in a food chain or food pyramid

10. movement of carbon from the nonliving environment into living things and back

11. releases carbon into the atmosphere when burned by humans

12. type of bacteria that convert atmospheric nitrogen into ammonia

13. the movement of phosphorus in different chemical forms from the environment to organisms and back

14. increase in the temperature of the Earth

15. eat only plants

16. make their own food

17. a sequence in which energy is transferred from one organism to the next as each organism eats another organism

18. occurs on a surface where no ecosystem existed before

19. a consumer that eats a producer to get energy

20. shows many possible feeding relationships in an ecosystem

21. process in which nitrogen circulates among the air, soil, water, plants, and animals in an ecosystem

22. element that is part of many molecules that make up the cells of living organisms

A. producers

B. sunlight

C. nitrogen-fixing

D. secondary consumer

E. omnivores

F. nitrogen cycle

G. fossil fuels

H. carnivores

I. carbohydrates

J. primary consumer

K. autotrophs

L. photosynthesis

M. ecological succession

N. trophic level

O. phosphorus

P. phosphorus cycle

Q. primary succession

R. secondary succession

S. herbivores

T. food chain

U. cellular respiration

V. global warming

23. break down & eat dead organic matter

24. used by plants to make sugar molecules

25. occurs on a surface where an ecosystem previously existed

26. eat both plants & animals

W. heterotrophs

X. food web

Y. carbon cycle

Z. decomposers