Test: How Organisms Obtain Resources & Change the Environment

Part I: Fill-in-the-Blank

Word Bank

photosynthesis oxygen nutrients water shelter
producers consumers decomposers habitat environment

1. Plants use sunlight, water, and carbon dioxide to make food through _____.
2. Organisms need _____ to survive and grow.
3. Animals must obtain _____ to stay hydrated.
4. Trees release _____ into the air during photosynthesis.
5. Plants are called _____ because they make their own food.
6. Animals are _____ because they obtain energy by eating other organisms.
7. _____ break down dead plants and animals.
8. Many organisms need a safe place for protection called _____.
9. An organism's natural home is its _____.
10. Living and nonliving things surrounding an organism make up its _____.

Part II: True or False: Write **T** or **F**

11. _____ All organisms need resources from their environment to survive.
12. _____ Producers obtain energy by eating other organisms.
13. _____ Beavers can change their environment by building dams.
14. _____ Decomposers help recycle nutrients back into the ecosystem.
15. _____ Animals do not affect their environment.
16. _____ Plants can change the environment by providing shade and oxygen.
17. _____ A habitat provides organisms with resources they need.
18. _____ Earthworms improve soil quality as they move through the ground.
19. _____ Consumers make their own food through photosynthesis.
20. _____ Organisms and their environment affect one another.

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Part III: Multiple Choice

25. Which resource do plants need to make food?
    A. Plastic
    B. Sunlight
    C. Metal
    D. Rocks

26. Which organism is a producer?
    A. Hawk
    B. Rabbit
    C. Grass
    D. Snake

27. Which organism is a decomposer?
    A. Deer
    B. Mushroom
    C. Fish
    D. Eagle

28. How do beavers change their environment?
    A. By planting trees
    B. By building dams
    C. By producing oxygen
    D. By decomposing leaves

29. Which of the following is an example of a consumer?
    A. Oak tree
    B. Algae
    C. Grass
    D. Fox

30. Why are decomposers important?
    A. They make sunlight.
    B. They hunt predators.
    C. They recycle nutrients.
    D. They create habitats.

31. Which resource provides protection for many organisms?
    A. Shelter
    B. Oxygen
    C. Sunlight
    D. Nutrients

32. Earthworms help the environment by:
    A. Polluting water
    B. Hardening soil
    C. Improving soil quality
    D. Removing oxygen

33. Which statement best describes the relationship between organisms and their environment?
    A. Organisms do not affect their environment.
    B. Only the environment affects organisms.
    C. Organisms and the environment affect each other.
    D. The environment never changes.

34. What is the main source of energy for most ecosystems?
    A. Soil
    B. Water
    C. Sun
    D. Wind

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