

# 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.
-

### 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