Test: Human, Plant, and Animal Changes to the Environment

Part A: Multiple Choice

1. Which human activity can cause deforestation?
   a. Planting trees
   b. Recycling paper
   c. Cutting down forests for farming
   d. Conserving wildlife

2. Beavers change their environment by:
   a. Pollinating flowers
   b. Building dams in streams
   c. Hunting insects
   d. Digging nests in trees

3. Plant roots help the environment by:
   a. Causing floods
   b. Holding soil in place
   c. Removing all nutrients from soil
   d. Increasing erosion

4. Which is an example of a human changing the environment?
   a. A bird building a nest
   b. A tree growing taller
   c. Constructing a highway
   d. A squirrel storing food

5. Earthworms help the environment by:
   a. Polluting water
   b. Compacting soil
   c. Aerating and enriching soil
   d. Destroying plant roots

6. Which plant change can affect its environment?
   a. Producing oxygen through photosynthesis
   b. Sleeping at night
   c. Losing one leaf
   d. Changing color in a flower pot

7. How do humans positively impact the environment?
   a. Littering in parks
   b. Planting trees and creating nature reserves
   c. Burning fossil fuels excessively
   d. Destroying habitats

8. Which animal helps spread seeds to new locations?
   a. Fish
   b. Deer
   c. Birds
   d. Snakes

9. What can happen when humans build large cities?
   a. More natural habitats are created
   b. Habitats may be destroyed or fragmented
   c. Animals stop reproducing completely
   d. Plants no longer grow

10. Why are plants important to ecosystems?
    a. They produce oxygen and provide food
    b. They remove all water from soil
    c. They increase pollution
    d. They prevent all animals from living nearby

Part B: Matching: Match the organism or activity with the environmental change it causes.

Column A	Column B
_____ 11. Beavers	A. Produces oxygen
_____ 12. Trees	B. Builds dams
_____ 13. Earthworms	C. Creates roads and buildings
_____ 14. Humans	D. Pollinates flowers
_____ 15. Bees	E. Aerates soil

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Part C: Fill-in-the-Blank: Use the word bank to complete the sentences.

Word Bank

habitat oxygen erosion dams pollution
seeds conservation soil

16. Plants release _____ during photosynthesis.
17. Beavers build _____ that can change the flow of water.
18. Tree roots help reduce _____ by holding soil in place.
19. Birds can help spread _____ to new areas.
20. Human activities can sometimes increase _____ in air and water.
21. Earthworms improve the quality of _____.
22. Protecting natural resources is called _____.
23. A forest is an example of a _____ for many organisms.

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