

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

Part A: Multiple Choice

- Which human activity can cause deforestation?
 - Planting trees
 - Recycling paper
 - Cutting down forests for farming
 - Conserving wildlife
- Beavers change their environment by:
 - Pollinating flowers
 - Building dams in streams
 - Hunting insects
 - Digging nests in trees
- Plant roots help the environment by:
 - Causing floods
 - Holding soil in place
 - Removing all nutrients from soil
 - Increasing erosion
- Which is an example of a human changing the environment?
 - A bird building a nest
 - A tree growing taller
 - Constructing a highway
 - A squirrel storing food
- Earthworms help the environment by:
 - Polluting water
 - Compacting soil
 - Aerating and enriching soil
 - Destroying plant roots
- Which plant change can affect its environment?
 - Producing oxygen through photosynthesis
 - Sleeping at night
 - Losing one leaf
 - Changing color in a flower pot
- How do humans positively impact the environment?
 - Littering in parks
 - Planting trees and creating nature reserves
 - Burning fossil fuels excessively
 - Destroying habitats
- Which animal helps spread seeds to new locations?
 - Fish
 - Deer
 - Birds
 - Snakes
- What can happen when humans build large cities?
 - More natural habitats are created
 - Habitats may be destroyed or fragmented
 - Animals stop reproducing completely
 - Plants no longer grow
- Why are plants important to ecosystems?
 - They produce oxygen and provide food
 - They remove all water from soil
 - They increase pollution
 - They prevent all animals from living nearby

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

Column A

- ___ 11. Beavers
- ___ 12. Trees
- ___ 13. Earthworms
- ___ 14. Humans
- ___ 15. Bees

Column B

- A. Produces oxygen
- B. Builds dams
- C. Creates roads and buildings
- D. Pollinates flowers
- E. Aerates soil

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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