

## Preserving Ecosystems - Study Guide with Answers

1. List 5 materials that can be recycled? (pg. 254) glass bottles, aluminum cans, magazines, newspapers, and some plastics
2. What is pollution? (pgs. 236,241) the addition of harmful materials to the environment
3. How can litter harm an ecosystem? (pg. 241) Plants cannot grow where litter covers soil
4. Using old materials to make new ones is an example of? (pg. 254) recycling
5. Most yard waste is made of grass clippings and leaves. What is the BEST way to get rid of this waste? (pg. 250) Put it in a compost pile
6. What happens to plant material that is left in a compost pile? (pg. 250) The dead plants decay
7. If there is a stream nearby and you put fertilizer on the lawn, the fertilizer might harm wildlife by? (pg. 252) washing into the stream and harming fish
8. List 3 biodegradable materials? (pg. 248) paper, cardboard, and untreated wood
9. List 3 ways to help conserve an ecosystem? (pgs. 248, 252,254) not use pesticides, not use weed killers, recycling and reusing materials
10. What is a product called that breaks down easily in the environment?(pg. 248) biodegradable material
11. Which is the BEST way for scientists to find out how much a forest changes over a 20-year period? (pg. 239) compare photographs
12. If large amounts of bleach were added to an ecosystem, the bleach would be a? (pg. 241) pollutant
13. What is one effect of people polluting water ecosystems? (pg. 242,243) sea birds, seals, whales, fish, and shellfish may be killed
14. List the 4 hazardous wastes. (pg. 242) motor oil, paint, insect sprays, and many cleaning supplies
15. What is decayed material that is used to enrich soil? (pg. 250) compost
16. What is travel to natural habitats that avoids harm to these habitats? (pg. 251) ecotourism
17. Which is an example of green agriculture? (pg. 252) organic farming
18. How could putting a dam on a river be harmful to the ecosystem? (pg. 241) The soil along the river will no longer be enriched.