

Biology Study Guide

MP2

DEFINITIONS

Using complete sentences define the following words.

1. Acid precipitation
2. Biodiversity
3. Edge effect
4. Endangered species
5. Exotic species
6. Extinction
7. Habitat degradation
8. Habitat fragmentation
9. Ozone layer
10. Threatened species
11. Captivity
12. Conservation biology
13. Habitat corridors
14. Reintroduction programs
15. Sustainable use
16. Carrying capacity
17. Density dependent factor
18. Density independent factor
19. Exponential growth
20. Demography

SHORT ANSWERS

On a separate sheet of paper answer the questions using full sentences. Spelling and punctuation count.

1. What could happen when a species loses their habitat?
2. What does habitat fragmentation often lead to?
3. What are the different conditions called that are found along the boundaries of an ecosystem?
4. What is the greatest source of air pollution?
5. What are the effects of acid precipitation?
6. What has caused the reduction of the ozone layer?
7. What happens to lakes when there is an algal bloom?
8. If an exotic species is introduced into an area, why might their populations grow exponentially?
9. Between 1970 and 1990 why was the African elephant population greatly reduced?
10. What is it called when local hunters are allowed to shoot deer when their populations rise above certain levels?
11. When an animal no longer exists in the wild but only in zoos it is called what?
12. What can limit habitat degradation?
13. Name the order in which an animal can become extinct.
14. What do reintroduction programs involve?
15. What is the removal of coral reefs by people and an example of?
16. How do National Parks help prevent the extinction of many species?
17. How can problems associated with habitat fragmentation be decreased?
18. How was DDT passed through the ecosystem that affected the bald eagle population?
19. What causes acid precipitation?
20. What is the biggest threat to biodiversity?
21. What branch of biology seeks to preserve the world's biodiversity?
22. What is water pollution an example of to a habitat?
23. The Venus Fly Trap was planted in their native habitat, what type of program would this be part of?
24. What philosophy allows people to remove resources from a protected area as long as damage is not done to the ecosystem?
25. Why is habitat loss such a big threat to biodiversity?