

Ecology : Review 2

Multiple Choice

1. The entire biotic environment depends on:
a. Omnivores b. Consumers c. Herbivores d. Producers
2. The variety of and the number of species in an ecosystem is:
a. Biome b. Biosphere c. Biodiversity d. Biotic
3. Dead organic matter in soil is best termed as:
a. Detritus b. Humus c. Excrement d. Abiotic
4. Amphibians are exposed to more environmental hazards than other forms of life because:
(a) they have short life spans.
(b) they reproduce by laying eggs.
(c) they spend part of their life in an aquatic environment and part in a terrestrial environment.
(d) they have more predators than other organisms.
5. Frogs are particularly good indicators of ecological damage to the environment because:
(a) pollutants can enter their bodies directly through their skins.
(b) they are susceptible to ultraviolet radiation.
(c) their ability to reproduce is affected by acid rain.
(d) of all of the above reasons.
6. Which one of the following statements is true?
(a) Tadpoles and adult frogs are both herbivores.
(b) Tadpoles are herbivores and mature frogs are carnivores.
(c) Tadpoles are carnivores and mature frogs are herbivores.
(d) Tadpoles and mature frogs are both omnivores.
7. Organisms that no longer exist anywhere on earth are:
a. Extinct b. Endangered c. Extirpated d. Threatened e. Vulnerable
8. A species that is close to disappearing everywhere is:
a. Extinct b. Endangered c. Extirpated d. Threatened e. Vulnerable
9. A species that no longer exists in one part but may be found in another part:
a. Extinct b. Endangered c. Extirpated d. Threatened e. Vulnerable
10. A species that is likely to become endangered if factors affecting it are not reversed:
a. Extinct b. Endangered c. Extirpated d. Threatened e. Vulnerable
11. A species that is at risk because of low or declining numbers:
a. Extinct b. Endangered c. Extirpated d. Threatened e. Vulnerable

Short Questions

12. Define the following:
Niche:

Habitat:

13. Why is a decline in the number of frogs important?
14. Why is the greatest number of species found in an **ecotone** ?
15. Distinguish between : ecosystem, biome and biosphere.