

Quiz: Levels of Ecology

Part I: Matching

Directions: Match the ecological level in Column A with the correct description in Column B. Write the correct letter on the line.

Column A

- ____ 1. Organism
- ____ 2. Population
- ____ 3. Community
- ____ 4. Ecosystem
- ____ 5. Biome
- ____ 6. Biosphere
- ____ 7. Habitat
- ____ 8. Species

Column B

- A. All living things and environments on Earth
- B. A group of organisms that can reproduce with one another
- C. A large region with a specific climate and characteristic organisms
- D. A single living thing
- E. Different populations living together in the same area
- F. The natural environment where an organism lives
- G. A group of the same species living in the same area
- H. Living and nonliving things interacting in an area

Part II: Fill-in-the-Blank (2 points each)

Word Bank

community ecosystem organism population
biome biosphere habitat species

- 9. A single living thing is called an _____.
- 10. A group of the same kind of organisms living in one area is a _____.
- 11. Different populations living together form a _____.
- 12. An _____ includes living and nonliving things interacting with each other.
- 13. A desert is an example of a _____.
- 14. The place where an organism lives is called its _____.
- 15. The _____ includes all ecosystems on Earth.
- 16. A _____ is a group of organisms that can mate and produce offspring.

Part III: Fill-in-the-Blank

- 17. Ecology is the study of relationships between organisms and their _____.
- 18. The largest level of ecological organization is the _____.
- 19. A forest ecosystem may include trees, animals, soil, water, and _____ factors.
- 20. A herd of deer living in the same forest is an example of a _____.