

Ch. 8 Populations and Communities

Multiple Choice

Identify the choice that best completes the statement or answers the question.

- _____ 1. An organism's habitat must provide all of the following EXCEPT
 - a. food.
 - b. water.
 - c. predators.
 - d. shelter.

- _____ 2. The nonliving parts of an ecosystem are called
 - a. populations.
 - b. organisms.
 - c. biotic factors.
 - d. abiotic factors.

- _____ 3. To produce their own food, algae and plants use the abiotic factors sunlight, carbon dioxide, and
 - a. soil.
 - b. salt.
 - c. water.
 - d. bacteria.

- _____ 4. A population is all the members of one species living in a particular
 - a. area.
 - b. habitat.
 - c. ecosystem.
 - d. community.

- _____ 5. A group of antelope leaving the herd in search of better grassland is an example of
 - a. immigration.
 - b. emigration.
 - c. increasing birth rate.
 - d. decreasing death rate.

- _____ 6. If you count 20 beetles in a garden measuring 5 square meters, the population density of the beetles is
 - a. 100 beetles per square meter.
 - b. 20 beetles per square meter.
 - c. 5 beetles per square meter.
 - d. 4 beetles per square meter.

- _____ 7. An organism's particular role in its habitat, or when and how it survives, is called its
 - a. carrying capacity.
 - b. ecosystem.
 - c. competition.
 - d. niche.

- _____ 8. All of the following are examples of limiting factors EXCEPT
 - a. food.
 - b. soil.
 - c. space.
 - d. weather conditions.

Population And Communities Chapter Test

E. C. Pielou



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