

SECTION 19-1 REVIEW

ECOLOGY

VOCABULARY REVIEW Define the following terms.

1. ecology _____

2. greenhouse effect _____

3. biosphere _____
4. ecosystem _____

5. community _____
6. population _____

MULTIPLE CHOICE Write the correct letter in the blank.

- _____ 1. What percentage of the world's species are expected to disappear in the next century if the current rate of extinction continues?
a. 1% b. 20% c. 95% d. 100%
- _____ 2. The ozone layer in the upper atmosphere is diminishing most over
a. Asia. b. North America. c. Africa. d. Antarctica.
- _____ 3. The broadest, most inclusive level of ecological organization is the
a. population. b. community. c. biosphere. d. ecosystem.
- _____ 4. A pond is an example of
a. a population. b. a community. c. a biosphere. d. an ecosystem.
- _____ 5. Ecologists use models to
a. make predictions about the future behavior of an ecosystem.
b. substitute for observations from the natural world.
c. increase the complexity of simple ecosystems.
d. account for the influence of every variable in a real environment.

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