

Vocabulary Review (5 pts. each)

1. population
2. biotic
3. environment
4. diversity
5. community
6. pollution
7. abiotic
8. ecosystem

Check Understanding (5 pts. each)

9. C, cold temperatures
10. H, mushrooms
11. B, habitat restoration
12. G, The climate affects biotic factors.
13. A, abiotic factors
14. H, climate
15. C, natural increase in diversity
16. J, tundra

Vocabulary Review

Use the terms below to complete the sentences. The page numbers tell you where to look in the chapter if you need help.

- environment** p. 202
- ecosystem** p. 202
- population** p. 204
- community** p. 206
- biotic** p. 212
- abiotic** p. 214
- diversity** p. 218
- pollution** p. 226

1. A group of maple trees is an example of a _____.
2. The living parts of an ecosystem are _____.
3. All the living and nonliving things in an area interact to form an _____.
4. An ecosystem that includes many kinds of living things has _____.
5. Several kinds of plants and animals living in the same place form a _____.
6. Trash in a stream is one kind of _____.
7. Nonliving factors in an ecosystem are _____ factors.

8. An _____ includes all the living things and nonliving things in an area.

Check Understanding

Write the letter of the best choice.

9. Which of these is an abiotic factor?
 - A. lack of food
 - B. disease
 - C. cold temperatures
 - D. introduction of a new plant
10. Which of these is **not** an abiotic factor?
 - F. air
 - G. soil
 - H. mushrooms
 - J. water
11. **MAIN IDEA AND DETAILS** What is the main idea behind planting trees in an area that has been logged?
 - A. pollution
 - B. habitat restoration
 - C. harvesting natural resources
 - D. preserving an ecosystem
12. **CAUSE AND EFFECT** Which statement is true about an ecosystem?
 - F. Biotic factors are the climate.
 - G. The climate affects biotic factors.
 - H. Biotic factors cause abiotic factors.
 - J. Biotic factors never change.

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Portfolio Assessment

Have students select their best work from the following suggestions:

- **Links**, pp. 207, 219, 231

See **Assessment Guide** pp. xx–xxiv.