DELAWARE BIOLOGY · UNIT 4 · 5 QUESTIONS

# Ecology and Ecosystems — Practice Test

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**1** **A busy shopping street with storefronts and shoppers carrying paper bags. Which of the following is an example of carrying capacity?**




- **A** a pond with its fish, plants, water, and soil
- **B** the maximum deer a forest can feed
- **C** a green plant making sugar
- **D** a rabbit eating grass

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2 **Which statement best describes carrying capacity?**

A an ecosystem includes both biotic and abiotic factors

B producers form the base of most food chains

C carrying capacity is set by limiting resources

D consumers obtain energy by eating producers or other consumers

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3 **Which term is defined as follows: a resource or condition that limits population growth?**

A ecosystem

B limiting factor

C producer

D consumer

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4 **Which of the following is an example of limiting factor?**

A a pond with its fish, plants, water, and soil

B a green plant making sugar

C a shortage of nesting sites

D a rabbit eating grass

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5 **Which statement best describes limiting factor?**

A an ecosystem includes both biotic and abiotic factors

B producers form the base of most food chains

C consumers obtain energy by eating producers or other consumers

D limiting factors keep populations from growing without bound

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## ANSWER KEY

1. B
2. C
3. B
4. C
5. D

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