DELAWARE BIOLOGY · UNIT 4 · 10 QUESTIONS

Ecology and Ecosystems — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which term is defined as follows: a close interaction between two species?**



A ecosystem

B producer

C symbiosis

D consumer

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2 **Which of the following is an example of symbiosis?**

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

B a green plant making sugar

C a rabbit eating grass

D a bee and a flower

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3 **Which statement best describes symbiosis?**

A symbiosis includes mutualism, commensalism, and parasitism

B an ecosystem includes both biotic and abiotic factors

C producers form the base of most food chains

D consumers obtain energy by eating producers or other consumers

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4 **Which term is defined as follows: an interaction that benefits both species?**



A ecosystem

B producer

C consumer

D mutualism

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5 **Which of the following is an example of mutualism?**

A a bee pollinating while gathering nectar

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

C a green plant making sugar

D a rabbit eating grass

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6 **Which statement best describes mutualism?**

A an ecosystem includes both biotic and abiotic factors

B mutualism helps both partners

C producers form the base of most food chains

D consumers obtain energy by eating producers or other consumers

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7 **Which term is defined as follows: an interaction where one organism eats another?**

A predation

B ecosystem

C producer

D consumer

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8 **Which of the following is an example of predation?**

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

B a fox catching a rabbit

C a green plant making sugar

D a rabbit eating grass

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9 **Which statement best describes predation?**

A an ecosystem includes both biotic and abiotic factors

B producers form the base of most food chains

C predation transfers energy to the predator

D consumers obtain energy by eating producers or other consumers

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10 **Which term is defined as follows: organisms struggling for the same resource?**

A ecosystem

B competition

C producer

D consumer

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ANSWER KEY

1. C
2. D
3. A
4. D
5. A
6. B
7. A
8. B
9. C
10. B

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