NOVA SCOTIA SCIENCE 10 · UNIT A · 10 QUESTIONS

Sustainability of 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 **The term for a condition that limits the size of a population is**

- A Mutualism
- B A limiting factor
- C Competition
- D An invasive species

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2 **A limiting factor means**

- A a relationship where both species benefit
- B a struggle between organisms for the same resource
- C a condition that limits the size of a population
- D a non native species that harms a new ecosystem

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3 **The term for the gradual change of species in an area over time is**

- A Parasitism
- B Photosynthesis
- C A producer
- D Succession

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4 **Succession means**

- A the gradual change of species in an area over time
- B a relationship where one species benefits and the other is harmed
- C the process plants use to make food from sunlight water and carbon dioxide
- D an organism that makes its own food using sunlight

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5 **The term for a relationship where both species benefit is**



A Competition

B Mutualism

C An invasive species

D A consumer

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6 **Mutualism means**

A a struggle between organisms for the same resource

B a non native species that harms a new ecosystem

C a relationship where both species benefit

D an organism that eats other organisms for energy

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7 **The term for a relationship where one species benefits and the other is harmed is**



A Photosynthesis

B A producer

C A decomposer

D Parasitism

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8 **Parasitism means**

A a relationship where one species benefits and the other is harmed

B the process plants use to make food from sunlight water and carbon dioxide

C an organism that makes its own food using sunlight

D an organism that breaks down dead material and returns nutrients to soil

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9 **The term for a struggle between organisms for the same resource is**

A An invasive species

B Competition

C A consumer

D A food chain

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10 **Competition means**

A a non native species that harms a new ecosystem

B an organism that eats other organisms for energy

C a struggle between organisms for the same resource

D a single path showing how energy passes from organism to organism

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ANSWER KEY

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

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