CALIFORNIA BIOLOGY · UNIT 2 · 10 QUESTIONS

Ecosystems: Interactions, Energy, and Dynamics — 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 **A density independent factor that can reduce a population is a**

- A Drought
- B Disease spread by crowding
- C Predator
- D Parasite

Understand It with Pulse | Flag a mistake

2 **Symbiosis is a close, long term interaction between**

A Two abiotic factors

B Two rocks

C Two different species

D Two ecosystems only

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3 **In commensalism, one species benefits and the other is**

A Harmed

B Neither helped nor harmed

C Eaten

D Also harmed

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4 **In parasitism, the parasite benefits and the host is**

A Unaffected

B Also a parasite

C Harmed

D Helped

Understand It with Pulse | Flag a mistake

5 **An ecological niche is best described as the**

A Food chain position only

B Role and way of life of an organism in its habitat

C Place an organism lives only

D Number of offspring

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6 **Two species cannot occupy exactly the same niche in the same place for long because of**

A Succession

B Competitive exclusion

C Mutualism

D Photosynthesis

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7 **The greenhouse effect is natural, but human activities have increased it mainly by adding**

A Oxygen

B Water vapour only

C Nitrogen gas only

D Carbon dioxide and other greenhouse gases

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8 **Protecting a habitat corridor helps species because it**

A Connects fragmented habitats so organisms can move

B Stops succession

C Isolates populations

D Removes predators

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9 **A food web in a pond loses its top predator The most likely immediate effect on herbivores is that their numbers**

A Fall

B Stay exactly the same

C Rise

D Become zero

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10 **A lake receives 20000 units of energy at the producer level Using the 10 percent rule, the energy typically available at the third trophic level is about**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. C
3. B
4. C
5. B
6. B
7. D
8. A
9. C
10. 200

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