IOWA 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 **Logistic growth levels off as a population approaches its**



A Birth rate

B Carrying capacity

C Death rate

D Food web

Understand It with Pulse Flag a mistake

2 **A tallgrass prairie in Iowa is best characterized as a**

A Temperate grassland

B Hot dry desert

C Frozen tundra

D High mountain forest

Understand It with Pulse Flag a mistake

3 **A tundra biome is best characterized by cold temperatures and**

A Tall trees

B High rainfall

C Permafrost

D Desert sand

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4 **The water cycle process by which liquid water becomes water vapor is**



A Condensation

B Precipitation

C Runoff

D Evaporation

Understand It with Pulse | Flag a mistake

5 **Greenhouse gases in the atmosphere trap**

A Heat

B Oxygen

C Nitrogen

D Water

Understand It with Pulse | Flag a mistake

6 **Biodiversity helps an ecosystem because diverse ecosystems are generally more**

A Stable

B Fragile

C Hot

D Dry

Understand It with Pulse | Flag a mistake

7 **A climax community is a stable community reached at the end of**

A Mitosis

B Succession

C Photosynthesis

D Migration

Understand It with Pulse | Flag a mistake

8 **Predation benefits the predator and**

A Benefits the prey

B Harms the prey

C Leaves the prey unaffected

D Protects the prey

Understand It with Pulse | Flag a mistake

9 **If producers contain 5000 kilocalories about how many kilocalories reach secondary consumers after two transfers at 10 percent each**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **How many trophic levels are named in this chain producer primary consumer secondary consumer tertiary consumer**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. A
3. C
4. D
5. A
6. A
7. B
8. B
9. 50
10. 4

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