VIRGINIA BIOLOGY · UNIT 4

Ecology and Ecosystems — Practice Test

Virginia Biology • 10 questions

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 **The wetlands of the Chesapeake Bay are best characterized as a**

- A Estuarine wetland habitat
- B Hot dry desert
- C Frozen tundra
- D Tropical rainforest

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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

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5 **Greenhouse gases in the atmosphere trap**

A Heat

B Oxygen

C Nitrogen

D Water

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

A Stable

B Fragile

C Hot

D Dry

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

A Mitosis

B Succession

C Photosynthesis

D Migration

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8 **Predation benefits the predator and**

A Benefits the prey

B Harms the prey

C Leaves the prey unaffected

D Protects the prey

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

ANSWER _____

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

ANSWER _____

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ANSWER KEY

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

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