MINNESOTA 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** **The prairie region of western Minnesota is best characterized as a**

- A Grassland
- B Hot dry desert
- C Frozen tundra
- D Tropical rainforest

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

Understand It with Pulse | Flag a mistake

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

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