BASIC ECOLOGY - PRACTICE TEST | NEW BRUNSWICK ENVIRONMENTAL SCIENCE 120 · UNIT A · 10 QUESTIONS

Basic Ecology — 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 community has species counts 5, 15 and 30. The total is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Energy at producers is 8000 kilocalories. At the third trophic level the energy is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An ecosystem includes biotic and abiotic factors interacting in a**

A. place

B. species only

C. population only

D. food chain only

Understand It with Pulse | Flag a mistake

4 **A population is all members of one species in an**

A ecosystem only

B area

C food web

D habitat only

Understand It with Pulse | Flag a mistake

5 **A community is all populations living in an**

A species

B habitat only

C area

D ecosystem only

Understand It with Pulse | Flag a mistake

6 **Photosynthesis stores light energy as**

A heat energy

B kinetic energy

C sound energy

D chemical energy

Understand It with Pulse | Flag a mistake

7 **Cellular respiration releases energy from**

A glucose

B sunlight

C water only

D minerals

Understand It with Pulse | Flag a mistake

8 **A keystone species has a large effect relative to its**

- A size
- B abundance
- C age
- D colour

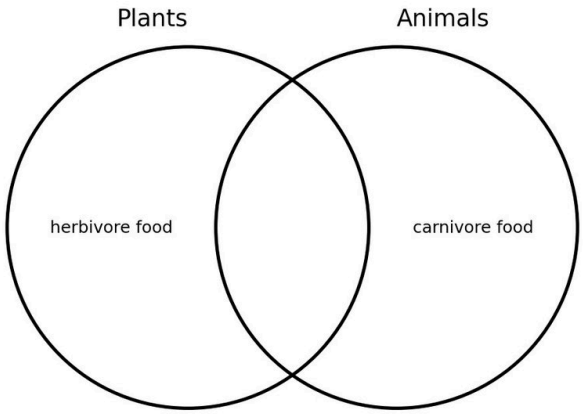
Understand It with Pulse | Flag a mistake

9 **Biodiversity includes variety of species, genes and**

- A rocks
- B soils
- C ecosystems
- D climates

Understand It with Pulse | Flag a mistake

10 **The diagram shows producers, herbivores and carnivores overlapping in a food web. The group that eats both plants and animals is the**



Question 10

The diagram shows producers, herbivores and carnivores overlapping in a food web. The group that eats both plants and animals is the

A) herbivore

B) producer

C) decomposer

D) omnivore

- **A** herbivore
- **B** producer
- **C** decomposer
- **D** omnivore

Understand It with Pulse | **Flag a mistake**

ANSWER KEY

1.	50	**5.**	C	**9.**	C
2.	80	**6.**	D	**10.**	D
3.	A	**7.**	A		
4.	B	**8.**	B		

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