QUEBEC ENVIRONMENTAL SCIENCE AND TECHNOLOGY, SECONDARY IV · UNIT B

Living World and the Environment — Practice Test

Quebec Environmental Science and Technology, Secondary IV • 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 **Producers hold 12000 kilojoules of energy. If 10 percent passes to the next trophic level, the energy there, in kilojoules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **In one season a population gains 120 births and loses 75 deaths, with no migration. Its net change in individuals is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A community is made up of the different populations living in the same**

- A territory
- B laboratory
- C ocean only
- D forest only

Understand It with Pulse | Flag a mistake

4 **Material and energy flow through an ecosystem as energy is passed from one**

- A rock to rock
- B trophic level to the next
- C cloud to cloud
- D soil to soil

Understand It with Pulse | Flag a mistake

5 **Population density is the number of individuals per unit of**

- A time
- B area
- C mass
- D volume

Understand It with Pulse | Flag a mistake

6 **Primary productivity is the production of biomass by**

- A autotrophic organisms
- B decomposers only
- C herbivores only
- D carnivores only

Understand It with Pulse | Flag a mistake

7 **The toxicity threshold is defined as the minimum quantity per kilogram of body mass that produces a**

A harmful effect

B beneficial effect

C colour change

D temperature change

Understand It with Pulse | Flag a mistake

8 **Producers hold 5000 kilojoules of energy. If 10 percent passes to the next trophic level, the energy there, in kilojoules, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **In one season a population gains 180 births and loses 100 deaths, with no migration. Its net change in individuals is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Producers hold 20000 kilojoules of energy. If 10 percent passes to the next trophic level, the energy there, in kilojoules, is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	1200	**5.**	B	**9.**	80
2.	45	**6.**	A	**10.**	2000
3.	A	**7.**	A		
4.	B	**8.**	500		

© 2026 Brett Robbins. All Rights Reserved.