QUEBEC SCIENCE AND THE ENVIRONMENT, SECONDARY IV · UNIT B

Living World and the Environment — Practice Test

Quebec Science and the Environment, 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 **Ecotoxicology is the study of the long term effects of pollutants on**

- **A** ecosystems
- **B** rocks only
- **C** weather only
- **D** soil texture only

Understand It with Pulse | Flag a mistake

2 **In the Science and the Environment program students analyse toxicity**

A only by animal testing

B only by taste

C qualitatively from given data

D without any data

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3 **Phosphates and mercury are examples of contaminants that can**

A purify ecosystems

B cool ecosystems

C dry out ecosystems

D accumulate in ecosystems

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4 **Prolonged exposure of a food web to a toxic substance can make its concentration in aquatic organisms**

A lower than in the water

B equal to zero

C higher than in the water

D equal in all species

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5 **Studying ecotoxicology helps students judge the long term impact of human activity on**

A tides only

B wind only

C ecosystems

D clouds only

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6 **The effect of a pollutant on an organism depends on the characteristics of the**

A environment where it is released

B nearest city

C nearest road

D nearest school

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7 **The toxicity of a contaminant also depends on the nature of the**

A rocks nearby

B organisms exposed

C clouds above

D season of sampling

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8 **The toxicity of a contaminant depends on its concentration and on the**

A duration of exposure

B colour of the water

C age of the rocks

D speed of the wind

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9 **The toxicity threshold is the smallest amount of a contaminant that**

A causes no effect

B purifies water

C feeds a plant

D causes a harmful effect

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10 **When a food web is exposed to a toxic substance for a long time, pollutants can appear in organisms at concentrations**

A lower than in surrounding water

B higher than in surrounding water

C equal to surrounding water

D unrelated to surrounding water

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ANSWER KEY

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

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