Earth and Space 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 **Permafrost is sensitive to climate change because the ice it contains is**

- A stable when warmed
- B absent in winter
- C unstable when warmed
- D made of rock

Understand It with Pulse | Flag a mistake

2 **Phosphorus enters biological systems mainly through natural erosion of**

A clouds

B rocks

C glaciers

D volcanoes

Understand It with Pulse | Flag a mistake

3 **Prevailing winds foster the circulation of contaminants in the**

A atmosphere

B lithosphere

C hydrosphere only

D biosphere only

Understand It with Pulse | Flag a mistake

4 **Salinity is a measure of the dissolved salt in**

A seawater

B rainwater only

C glacier ice only

D soil only

Understand It with Pulse | Flag a mistake

5 **Soil depletion occurs when practices such as overcutting expose soil to erosion and strip it of**

A water only

B air only

C minerals and microorganisms

D light only

Understand It with Pulse | Flag a mistake

6 **Thawing glaciers and ice floes contribute to a rise in**

A air pressure

B sea level

C soil depth

D wind speed

Understand It with Pulse | Flag a mistake

7 **The carbon cycle describes changes in carbon through the biosphere, atmosphere, oceans and**

A sunlight

B rocks

C clouds

D soil

Understand It with Pulse | Flag a mistake

8 **The distribution of biomes depends on latitude and on factors such as altitude, temperature and**

- A wind speed only
- B rain colour
- C soil type
- D rock age

Understand It with Pulse | Flag a mistake

9 **The gravitational pull of the Moon on large water surfaces is largely responsible for**

- A winds
- B rain
- C tides
- D snow

Understand It with Pulse | Flag a mistake

10 **The greenhouse effect is strengthened mainly by rising concentrations of**

A oxygen

B nitrogen

C argon

D carbon dioxide

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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