QUEBEC SCIENCE AND THE ENVIRONMENT, SECONDARY IV · UNIT C

Earth and Space 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 **Runoff water carries nutrients at 2 grams per m³ into a pond of volume 120 m³. The nutrient mass added, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Soil contamination by persistent organic compounds or heavy metals can**

A increase soil fertility

B reduce soil fertility

C purify groundwater

D cool the climate

Understand It with Pulse | Flag a mistake

3 **Soil horizons differ in**

A temperature only

B colour only

C structure and composition

D age only

Understand It with Pulse | Flag a mistake

4 **Solid and liquid particulates in contaminated air can affect the**

A digestive system

B respiratory system

C circulatory system

D nervous system

Understand It with Pulse | Flag a mistake

5 **The buffering capacity of soil is its ability to**

A limit changes in pH

B increase changes in pH

C hold water forever

D create new minerals

Understand It with Pulse | Flag a mistake

6 **The greenhouse effect occurs when gases in the atmosphere**

A reflect all heat to space

B block all sunlight

C create new oxygen

D absorb heat radiated by Earth

Understand It with Pulse | Flag a mistake

7 **The main human-caused greenhouse gas is**

A carbon dioxide

B oxygen

C nitrogen

D argon

Understand It with Pulse | Flag a mistake

8 **The proportion of carbon dioxide has increased because of fossil fuel use and the manufacture of**

A glass

B cement

C paper

D cloth

Understand It with Pulse | Flag a mistake

9 **Runoff water carries nutrients at 3 grams per m^3 into a pond of volume 80 m^3. The nutrient mass added, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Runoff water carries nutrients at 5 grams per m^3 into a pond of volume 60 m^3. The nutrient mass added, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	240	**5.**	A	**9.**	240
2.	B	**6.**	D	**10.**	300
3.	C	**7.**	A		
4.	B	**8.**	B		

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