QUEBEC SCIENCE AND THE ENVIRONMENT, SECONDARY IV · UNIT B · 5 QUESTIONS

Living World and the Environment — Practice Test

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1 **Weathered wooden fish cannery building on stilts over calm water in Alaska, grey wooden walls and a rusted metal roof, fishing dock beside it. A contaminant is measured at 150 milligrams per kilogram in fish and 15 milligrams per kilogram in the surrounding water. The bioconcentration factor is**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A stream sample has a contaminant concentration of 5 grams per litre and a volume of 40 litres. The mass of contaminant, in grams, is**

ANSWER _____

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3 **Bioconcentration is the increase of a substance**

A up a food chain only

B within one organism over time

C in rocks only

D in air only

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4 **Contaminants may degrade naturally, but others accumulate in living organisms and in**

A waterways and lakes

B clouds only

C volcanoes only

D glaciers only

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5 **Data on toxicity thresholds help assess whether a pollutant amount is likely to**

A feed an organism

B harm an organism

C cool an organism

D dry an organism

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ANSWER KEY

1. 10
2. 200
3. B
4. A
5. B

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