PRINCE EDWARD ISLAND BIOLOGY 12 · PRINCE EDWARD ISLAND

Prince Edward Island Biology 12 Practice Test

Unit D: Evolution

5 Questions

Original practice test based on the Prince Edward Island curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

In a population, the frequency of allele A is 0.5. Under Hardy Weinberg assumptions, the frequency of allele a as a decimal is

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Question 2

In a population, the frequency of allele A is 0.9. Under Hardy Weinberg assumptions, the frequency of allele a as a decimal is

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Question 3

A population of 100 grows by 10 percent each year for 2 years. The population after 2 years is

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Question 4

A fossil sample starts with 200 grams of an isotope. After 2 half lives the mass in grams is

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Question 5

Adaptive radiation is rapid evolution of many species from

A) a common ancestor into different niches

B) one species into clones

C) unrelated ancestors

D) fossils only

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ANSWER KEY

1. 0.5
2. 0.1
3. 121
4. 50
5. A

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