ARIZONA BIOLOGY · ARIZONA

Arizona Biology

Practice Test

Unit 3: Evolution and Diversity

5 Questions

Original practice test based on the Arizona 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

Variation within a population comes mainly from mutations, crossing over, and independent assortment during

A) Meiosis

B) Mitosis only

C) Photosynthesis

D) Fermentation

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Question 2

A trait that increases survival in one environment may be harmful in a different environment, which shows adaptations are suited to a

A) Single generation

B) Fossil layer

C) Species name

D) Specific environment

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Question 3

The peppered moth population changed color as tree bark darkened because darker moths were better

A) Able to fly farther

B) Resistant to disease

C) Camouflaged from predators

D) Fed by birds

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Question 4

Biogeography studies where species live, and the unique species found on isolated islands support the idea of evolution from a

A) Single climate

B) Common ancestor

C) Recent migration only

D) Fossil bed

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Question 5

A species is defined as a group of organisms that can interbreed and produce

A) Fertile offspring

B) Identical clones

C) Fossils

D) Hybrids only

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ANSWER KEY

1. A
2. D
3. C
4. B
5. A

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