CALIFORNIA BIOLOGY · UNIT 4 · 5 QUESTIONS

Biological Evolution: Unity and Diversity — Practice Test

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 **Charles Darwin observed that finches on different Galapagos islands had different beak shapes suited to different foods, which supported the idea of**



A No change over time

B Inheritance of acquired traits only

C Special creation of each island type

D Natural selection and adaptation

Understand It with Pulse | Flag a mistake

2 **Lamarck proposed inheritance of acquired characteristics, which differs from modern evolution because acquired traits are generally**

A Inherited

B Caused by selection

C Not passed on through genes

D Always beneficial

Understand It with Pulse | Flag a mistake

3 **The age of a fossil layer can be estimated by relative dating, which places layers in order, and by radiometric dating, which uses**

A Fossil size

B Decay of radioactive isotopes

C Fossil abundance

D Rock colour

Understand It with Pulse | Flag a mistake

4 **A transitional fossil shows features of two groups, such as a fossil with both reptile and bird features, supporting**

- A Extinction only
- B Sudden creation only
- C No evolution
- D Common ancestry and gradual change

Understand It with Pulse | Flag a mistake

5 **Biogeography provides evidence for evolution because species on islands often resemble species on the**

- A Moon
- B Nearest mainland
- C Farthest continent
- D Deep ocean floor

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.