VIRGINIA BIOLOGY · UNIT 3 · 10 QUESTIONS

Evolution 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 **Extinction occurs when the last member of a species**

- A Migrates
- B Dies
- C Mutates
- D Hibernates

Understand It with Pulse | Flag a mistake

2 **The classification system groups organisms from broadest to most specific starting with**

- A Species
- B Genus
- C Domain
- D Family

Understand It with Pulse | Flag a mistake

3 **In binomial nomenclature the first word names the**

A Species

B Family

C Kingdom

D Genus

Understand It with Pulse | Flag a mistake

4 **Which domain includes organisms whose cells have a nucleus**

A Eukarya

B Bacteria

C Archaea

D Viruses

Understand It with Pulse | Flag a mistake

5 **Genetic drift has the strongest effect in**

A Large populations

B Small populations

C Stable populations

D Cloned populations

Understand It with Pulse | Flag a mistake

6 **A population in Hardy Weinberg equilibrium shows no**



A Reproduction

B Mutation

C Evolution

D Variation

Understand It with Pulse | Flag a mistake

7 **Convergent evolution produces similar traits in unrelated species that live in**



A Identical genes

B Similar environments

C Same family

D Same island

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8 **The fossil record is incomplete mainly because most organisms**

A Do not fossilize

B Live too long

C Have no bones

D Are too large

Understand It with Pulse | Flag a mistake

9 **After one half life what percent of a radioactive sample remains**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **How many domains of life are recognized in the three domain system**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. C
3. D
4. A
5. B
6. C
7. B
8. A
9. 50
10. 3

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