PENNSYLVANIA BIOLOGY · UNIT 3

Evolution and Diversity — Practice Test

Pennsylvania Biology • 10 questions

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

Understand It with Pulse | Flag a mistake

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

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