ARIZONA 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 **Gradualism proposes that evolution happens through small changes over a long period, while punctuated equilibrium proposes long stable periods interrupted by**

A No change at all

B Mass migration

C Fossil formation

D Rapid change

Understand It with Pulse | Flag a mistake

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

A Time periods only

B Kingdoms

C Environments

D Fossil layers

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3 **Divergent evolution occurs when related species become more different as they adapt to different**

A Diets only

B Environments

C Predators only

D Seasons

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4 **Humans and chimpanzees share a high percentage of DNA, which indicates a close evolutionary**

A Relationship

B Competition

C Migration

D Diet

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5 **The genus name in a scientific name is always written with a capital first letter and the species name with a**

A Capital first letter

B Number

C Hyphen

D Lowercase first letter

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6 **Classification groups organisms by shared characteristics, from the broadest group, domain, down to the most specific group,**

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

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7 **A new species can form when a small group becomes separated from the main population and experiences different**

- A Migration routes
- B Selective pressures
- C Fossil layers
- D Scientific names

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8 **Antibiotic resistance spreads because resistant bacteria pass resistance genes to their**

A Offspring

B Predators

C Hosts only

D Fossils

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9 **Extinction occurs when the last member of a species dies and the species no longer**

A Mutates

B Migrates

C Competes

D Exists

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10 **In a population of 500 organisms, 100 show a recessive trait and the rest show the dominant trait The number showing the dominant trait is**

ANSWER

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ANSWER KEY

1.	D	**5.**	D	**9.**	D
2.	C	**6.**	C	**10.**	400
3.	B	**7.**	B		
4.	A	**8.**	A		

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