Evolution and Diversity, 10-question test — 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

Question 1

Extinction occurs when the last member of a species

A) Migrates

B) Dies

C) Mutates

D) Hibernates

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

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Flag a mistake

2

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

Question 2

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

A) Species

B) Genus

C) Domain

D) Family

A Species

B Genus

C Domain

D Family

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3 In binomial nomenclature the first word names the

Question 3

In binomial nomenclature the first word names the

A) Species

B) Family

C) Kingdom

D) Genus

A Species

B Family

C Kingdom

D Genus

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4 Which domain includes organisms whose cells have a nucleus

Question 4

Which domain includes organisms whose cells have a nucleus

A) Eukarya

B) Bacteria

C) Archaea

D) Viruses

A Eukarya

B Bacteria

C Archaea

D Viruses

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5 Genetic drift has the strongest effect in

Question 5

Genetic drift has the strongest effect in

A) Large populations

B) Small populations

C) Stable populations

D) Cloned populations

A Large populations

B Small populations

C Stable populations

D Cloned populations

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6 A population in Hardy Weinberg equilibrium shows no

Question 6

A population in Hardy Weinberg equilibrium shows no

A) Reproduction

B) Mutation

C) Evolution

D) Variation

A Reproduction

B Mutation

C Evolution

D Variation

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7

Convergent evolution produces similar traits in unrelated species that live in

Question 7

Convergent evolution produces similar traits in unrelated species that live in

A) Identical genes

B) Similar environments

C) Same family

D) Same island

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

Question 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

A Do not fossilize

B Live too long

C Have no bones

D Are too large

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

Question 9

After one half life what percent of a radioactive sample remains

ANSWER

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

Question 10

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

ANSWER

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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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