CONNECTICUT BIOLOGY · UNIT 3 · 5 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 **Which statement about Fossil is correct**

- A a structure with common ancestry but different function
- B remains or traces of an ancient organism
- C a structure with similar function but different ancestry
- D a structure reduced and no longer fully functional

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2 **Which statement about Homologous structure is correct**

- A a structure with similar function but different ancestry
- B a structure reduced and no longer fully functional
- C a structure with common ancestry but different function
- D an ancestor shared by two or more species

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3 **Which statement about Analogous structure is correct**

A a structure reduced and no longer fully functional

B an ancestor shared by two or more species

C random change in allele frequencies

D a structure with similar function but different ancestry

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4 **Which statement about Vestigial structure is correct**

A a structure reduced and no longer fully functional

B an ancestor shared by two or more species

C random change in allele frequencies

D movement of alleles between populations

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5 **Which statement about Common ancestor is correct**

A random change in allele frequencies

B an ancestor shared by two or more species

C movement of alleles between populations

D loss of diversity after a sharp population drop

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ANSWER KEY

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

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