YUKON LIFE SCIENCES 11 (MLFSC11) · UNIT C · 5 QUESTIONS

Taxonomy and Diversity of Organisms — 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 **The most specific taxonomic rank is the**

A species

B genus

C family

D domain

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2 **The least specific taxonomic rank in the list is the**

A species

B domain

C kingdom

D genus

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3 **Organisms in the same species can**

A live only in water

B photosynthesize

C interbreed and produce fertile offspring

D never share any traits

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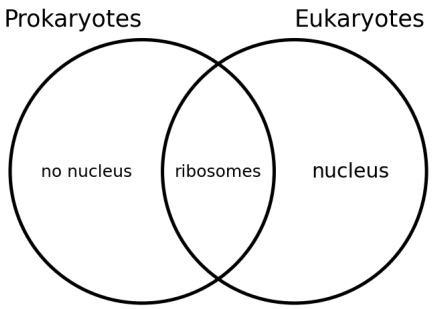
4 **The diagram compares prokaryotes and eukaryotes. The feature found only in eukaryotes is a**



A cell membrane

B DNA

C ribosome

D membrane-bound nucleus

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5 **Piles of salt on a vast white salt flat under a blue sky. Archaea differ from most bacteria because archaea often live in**



A extreme environments such as hot springs

B only inside plant leaves

C soil without any water

D the open ocean surface only

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ANSWER KEY

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

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