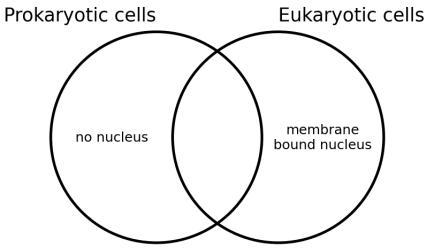
ONTARIO BIOLOGY, GRADE 11, UNIVERSITY PREPARATION (SBI3U) · UNIT A · 10 QUESTIONS

Diversity of Living Things — 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 Venn diagram compares two cell types. Which feature is found in both groups?**



- **A** No nucleus
- **B** Membrane bound nucleus
- **C** Ribosomes and cell membrane
- **D** Chloroplasts only

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2 **Which animal group has a backbone?**

A Arthropods

B Molluscs

C Vertebrates

D Annelids

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3 **Which factor best explains why two organisms in the same genus are more closely related than two organisms in the same kingdom?**

A They live in the same place

B They share a more recent common ancestor

C They are the same size

D They eat the same food

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4 **Which group includes yeasts and moulds?**

A Bacteria

B Fungi

C Protista

D Plantae

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5 **Which group is a domain of life?**

A Fungi

B Protista

C Archaea

D Plantae

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6 **Which human activity most directly reduces biodiversity by destroying habitat?**

- A Recycling paper
- B Clearing a forest to build a road
- C Planting a garden
- D Using public transit

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7 **Which kingdom includes organisms that are mostly multicellular, heterotrophic, and able to move at some life stage?**

- A Plantae
- B Fungi
- C Protista
- D Animalia

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8 **Which organism is a decomposer that returns nutrients to the soil?**

A A deer

B A mushroom

C A hawk

D A pine tree

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9 **Which pair correctly uses binomial nomenclature for humans?**

A Homo Sapiens

B homo sapiens

C Homo sapiens

D HOMO SAPIENS

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10 **Which structure is found in both prokaryotic and eukaryotic cells?**

A Nucleus

B Mitochondrion

C Ribosome

D Chloroplast

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ANSWER KEY

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

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