BIOLOGY 2201 · NEWFOUNDLAND AND LABRADOR

Biology 2201
Practice Test

Unit B: Biodiversity

25 Questions

Original practice test based on the Newfoundland and Labrador curriculum. Work through each question, then check your answers at the end.

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.

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Question 1

Recall the definition. Biodiversity refers to

A) the variety of life in an area

B) the number of predators only

C) the age of a forest

D) the amount of rainfall

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Question 2

Think about the definition. In classification, the level directly below class is

A) kingdom

B) order

C) phylum

D) genus

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Question 3

Use the standard definition. A scientific name has two parts: the genus and the

A) family

B) kingdom

C) species

D) order

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Question 4

The modern classification system commonly used has how many domains?

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Question 5

Consider the meaning of the term. A dichotomous key identifies organisms by

A) a series of paired choices

B) counting all individuals

C) measuring temperature

D) testing soil pH only

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Question 6

Review the key idea. Which of these is a kingdom in the traditional five kingdom system?

A) Chordata

B) Animalia

C) Mammalia

D) Primates

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Question 7

Check the definition first. Members of the same species can usually

A) never share a genus

B) live in different kingdoms

C) interbreed and produce fertile offspring

D) only eat the same food

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Question 8

Start from the definition. Which group includes both plants and animals?

A) Bacteria

B) Archaea

C) Prokarya

D) Eukarya

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Question 9

Remember how the term is defined. Genetic diversity within a species helps a population

A) adapt to changing conditions

B) stay identical always

C) avoid all mutations

D) stop evolving

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Question 10

Use what the term means. The leading human caused threat to biodiversity is usually

A) increased rainfall only

B) habitat loss

C) longer nights

D) lower air pressure

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Question 11

A survey finds 25 different species in a plot. The species richness of the plot is

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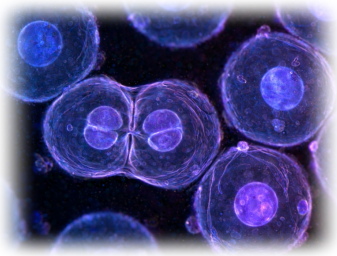

Question 12

Recall the rule. A eukaryotic cell differs from a prokaryotic cell mainly because it has

A) a cell wall always

B) no ribosomes

C) no DNA

D) a membrane bound nucleus

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Question 13

Apply the rule. Viruses are not classified as living mainly because they

A) cannot reproduce on their own

B) have no protein coat

C) are too small to see

D) never contain DNA or RNA

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Question 14

Consider the rule in general. The most specific level of classification is

A) genus

B) species

C) family

D) kingdom

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Question 15

Review the rule. Biodiversity refers to

A) the number of predators only

B) the age of a forest

C) the variety of life in an area

D) the amount of rainfall

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Question 16

Think about the concept. In classification, the level directly below class is

A) kingdom

B) phylum

C) genus

D) order

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Question 17

Recall the concept. A scientific name has two parts : the genus and the

A) species

B) family

C) kingdom

D) order

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Question 18

Apply the concept. The modern classification system commonly used has how many domains?

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Question 19

Consider the concept in general. A dichotomous key identifies organisms by

A) counting all individuals

B) measuring temperature

C) a series of paired choices

D) testing soil pH only

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Question 20

Review the concept. Which of these is a kingdom in the traditional five kingdom system?

A) Chordata

B) Mammalia

C) Primates

D) Animalia

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Question 21

Think about the principle. Members of the same species can usually

A) interbreed and produce fertile offspring

B) never share a genus

C) live in different kingdoms

D) only eat the same food

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Question 22

Recall the principle. Which group includes both plants and animals?

A) Bacteria

B) Eukarya

C) Archaea

D) Prokarya

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Question 23

Apply the principle. Genetic diversity within a species helps a population

A) stay identical always

B) avoid all mutations

C) adapt to changing conditions

D) stop evolving

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Question 24

Consider the principle in general. The leading human caused threat to biodiversity is usually

A) increased rainfall only

B) longer nights

C) lower air pressure

D) habitat loss

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Question 25

A survey finds 12 different species in a plot. The species richness of the plot is

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ANSWER KEY

1. A
2. B
3. C
4. 3
5. A
6. B
7. C
8. D
9. A
10. B
11. 25
12. D
13. A
14. B
15. C
16. D
17. A
18. 3
19. C
20. D
21. A
22. B
23. C
24. D
25. 12

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