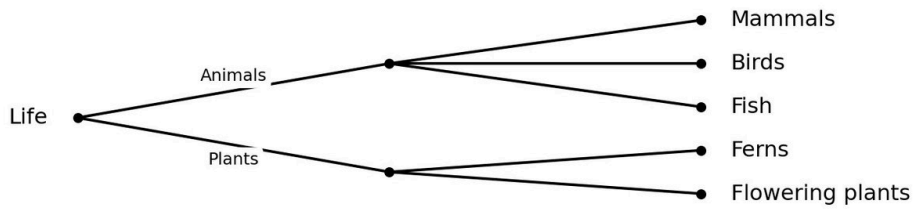
TAXONOMY AND MAJOR GROUPS - PRACTICE TEST | NEW BRUNSWICK BIOLOGY 111-112 · UNIT C · 25 QUESTIONS

Taxonomy and Major Groups — 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 tree diagram shows groups of living things. Counting only the leaves at the ends of branches, the number of groups shown is



Question 1

The tree diagram shows groups of living things. Counting only the leaves at the ends of branches, the number of groups shown is

A) 5

B) 2

C) 3

D) 7

A 5

B 2

C 3

D 7

Understand It with Pulse

Flag a mistake

2 **The science of naming and classifying organisms is**

A ecology

B genetics

C taxonomy

D anatomy

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3 **In binomial nomenclature, the first name gives the**

A species

B family

C kingdom

D genus

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4 **In binomial nomenclature, the second name gives the**

A species

B genus

C order

D phylum

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5 **The broadest level of classification used today is the**

A kingdom

B domain

C phylum

D class

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6 **Humans belong to the kingdom**

A Plantae

B Fungi

C Animalia

D Protista

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7 **A dichotomous key identifies an organism by a series of**

A random guesses

B single names

C pictures only

D paired choices

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8 **Which domain includes single-celled organisms without a nucleus, such as E. coli?**

A Bacteria

B Archaea

C Eukarya

D Animalia

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9 **Fungi obtain food by**

A photosynthesis

B absorbing nutrients from their surroundings

C eating other animals

D chemosynthesis only

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10 **Protists are mostly**

A multicellular animals

B bacteria

C single celled eukaryotes

D viruses

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11 **Viruses are not classified as living because they**

A have no DNA

B are too small

C cause disease

D cannot reproduce on their own

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12 **The correct order from broad to specific is**

- **A** domain, kingdom, phylum, class, order, family, genus, species
- **B** species, genus, family, order, class, phylum, kingdom, domain
- **C** kingdom, domain, phylum, class, order, family, genus, species
- **D** domain, phylum, kingdom, class, order, genus, family, species

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13 **Two organisms in the same genus are more closely related than two in the same**

- **A** species
- **B** kingdom only
- **C** genus
- **D** family only

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14 **The scientific name Homo sapiens refers to**

A chimpanzees

B dogs

C humans

D cats

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15 **Archaea are prokaryotes that often live in**

A only in soil

B only in water

C only in animals

D extreme environments

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16 **Plants are distinguished from animals because plants**

A make their own food by photosynthesis

B move freely

C eat other organisms

D lack cell walls

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17 **A classification list has 8 levels from domain to species. If 2 levels are removed, the levels remaining are**

ANSWER _____

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18 **A genus contains 4 species. Three genera in one family contain, in total, species numbering**

ANSWER _____

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19 **A genus contains 6 species. Two genera in one family contain, in total, species numbering**

ANSWER _____

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20 **A family contains 2 genera with 7 species each. The total number of species is**

ANSWER _____

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21 **A classification list has 8 levels. If 3 levels are removed, the levels remaining are**

ANSWER _____

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22 **A kingdom contains 3 phyla with 4 classes each. The total number of classes is**

ANSWER _____

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23 **A genus contains 5 species. Four genera in one family contain, in total, species numbering**

ANSWER

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24 **A family contains 4 genera with 3 species each. The total number of species is**

ANSWER

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25 **A classification list has 7 levels from kingdom to species. If 1 level is removed, the levels remaining are**

ANSWER

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ANSWER KEY

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

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