Taxonomy and Major Groups, 10-question test — 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 A species is a group of organisms that can

Question 1

A species is a group of organisms that can

A) live anywhere

B) interbreed and produce fertile offspring

C) eat the same food

D) look alike only

- A live anywhere
- B interbreed and produce fertile offspring
- C eat the same food
- D look alike only

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2 Classification based on evolutionary relationships is called

Question 2

Classification based on evolutionary relationships is called

A) ecology

B) anatomy

C) phylogeny

D) physiology

A ecology

B anatomy

C phylogeny

D physiology

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3 The three domains of life are Bacteria, Archaea, and

Question 3

The three domains of life are Bacteria, Archaea, and

A) Animalia

B) Plantae

C) Fungi

D) Eukarya

- **A** Animalia
- **B** Plantae
- **C** Fungi
- **D** Eukarya

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4 Mosses are plants that lack

Question 4

Mosses are plants that lack

A) true vascular tissue

B) leaves

C) spores

D) chlorophyll

A true vascular tissue

B leaves

C spores

D chlorophyll

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5 A family contains 3 genera with 5 species each. The total number of species is

Question 5

A family contains 3 genera with 5 species each. The total number of species is

ANSWER _____

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6 A key with 6 paired steps can separate at most 7 groups. A key with 3 paired steps separates, at most, groups numbering

Question 6

A key with 6 paired steps can separate at most 7 groups. A key with 3 paired steps separates, at most, groups numbering

ANSWER

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7 A genus contains 8 species. Two genera in one family contain, in total, species numbering

Question 7

A genus contains 8 species. Two genera in one family contain, in total, species numbering

ANSWER

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8 A family contains 5 genera with 2 species each. The total number of species is

Question 8

A family contains 5 genera with 2 species each. The total number of species is

ANSWER

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9

A classification list has 8 levels. If 4 levels are removed, the levels remaining are

Question 9

A classification list has 8 levels. If 4 levels are removed, the levels remaining are

ANSWER

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10

A kingdom contains 2 phyla with 5 classes each. The total number of classes is

Question 10

A kingdom contains 2 phyla with 5 classes each. The total number of classes is

ANSWER

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ANSWER KEY

1. B
2. C
3. D
4. A
5. 15
6. 4
7. 16
8. 10
9. 4
10. 10

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