

Evolution

Name:

Classification Practice Questions

Period:

Try these practice questions by first using just your brain. Then make sure you got the answers right by checking in Chapter 11. When you find the answer, write the page number in the parentheses found after the question.

- _____ 1. What do scientists look at to classify living things? (p. _____)
a. their age b. their likes and dislikes c. their characteristics d. their diseases
- _____ 2. What is the science of taxonomy? (p. _____)
a. naming plants and animals c. measuring living things
b. describing, classifying, and naming living things d. taking pictures of living things
- _____ 3. In the past, what two groups did scientists use to classify all living things? (p. _____)
a. living and nonliving b. tall and short c. plant and animal d. large and small
- _____ 4. How many levels of classification do scientists use today? (p. _____)
a. four b. five c. six d. eight
- _____ 5. How many domains do scientists use to classify living things today? (p. _____)
a. five b. seven c. three d. four
- _____ 6. Branching diagrams show when an organism... (p. _____)
a. died. b. evolved. c. ate. d. migrated.
- _____ 7. What makes up a living thing's scientific name? (p. _____)
a. its genus and specific name c. its class and order
b. its kingdom and phylum d. its family and genus
- _____ 8. What is the scientific name for an Asian elephant? (p. _____)
a. *Elephas asian* b. *Elephas maximus* c. *Elephas biggus* d. *Elephas rex*
- _____ 9. What do we call simple, multicellular living things? (p. _____)
a. protists b. bacteria c. fungi d. archaea
- _____ 10. How do fungi take in and use nutrients from their surroundings? (p. _____)
a. They capture and kill them. c. They absorb and chew them.
b. They chop and swallow them. d. They absorb and digest them.
- _____ 11. What must a plant be exposed to for photosynthesis to occur? (p. _____)
a. cold water b. food c. sunlight d. energy

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 12. They are found where other living things cannot survive. (p. _____) a. bacteria
- _____ 13. They can live in soil, water, or in the human body. (p. _____) b. archaea

turn over for more questions

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Match the correct description with the correct term. Write the letter in the space provided.

- | | |
|--|-------------|
| _____ 14. kingdom made up of eukaryotes with cell walls that perform photosynthesis and vary greatly in size (p. _____) | a. Eukarya |
| _____ 15. kingdom with organisms that can respond quickly to changes in their environment (p. _____) | b. Plantae |
| _____ 16. domain made up of all eukaryotes (p. _____) | c. Animalia |
| _____ 17. kingdom that includes protists (p. _____) | d. Protista |

Use the terms from the following list to complete the sentences below.

domains classes species genera orders families

18. Families are broken down into _____. (p. _____)
19. Kingdoms are sorted into phyla, and phyla into _____. (p. _____)
20. The largest, most general groups for classifying organisms are _____. (p. _____)
21. Classes include one or more _____. (p. _____)
22. Orders are separated into _____. (p. _____)
23. Genera are sorted into _____. (p. _____)