

Unit 10 Test Review

Name: _____ Date: _____ Test #: _____

Define the following keywords.

1. Taxonomy: _____

2. Phylogenetic Tree: _____

3. Cladogram: _____

4. Derived Character: _____

5. Dichotomous Key: _____

6. Which scientist developed the naming system we use today that assigns a genus and a species name?

7. A domestic dogs is also known as *Canis familiaris*.
 - a. What is this organism's genus? _____
 - b. What is this organism's species? _____
 - c. What is the scientific name? _____
8. What language is used to describe scientific names? _____
9. Why do we use the language described in number 8?
 - a. _____
 - b. _____
 - c. _____
10. Why do scientists not use common names of organsims?
 - a. _____

 - b. _____

 - c. _____



11. What are the seven levels of biological hierarchy in correct order? (Begin with Kingdom.)

- a. _____ (LEAST SPECIFIC)
- b. _____
- c. _____
- d. _____
- e. _____
- f. _____
- g. _____ (MOST SPECIFIC)

12. If classes are divided into orders, then what are orders divided into? _____

13. How do scientists classify organisms today? _____

14. Briefly describe the six kingdoms and domains. They are organized by the three domains.

- a. Domain _____ : _____

 - i. Kingdom _____ : _____

- b. Domain _____ : _____

 - i. Kingdom _____ : _____

- c. Domain _____ : _____

 - i. Kingdom _____ : _____

 - ii. Kingdom _____ : _____

 - iii. Kingdom _____ : _____

 - iv. Kingdom _____ : _____

15. Be able to read cladograms, phylogenetic trees, and dichotomous keys.