**SBI 3U: Taxonomy Quiz**

**K&U: /15 Name:\_­­­­­­\_\_\_­­­­\_\_\_\_\_\_\_\_\_\_\_\_­­­­­­\_\_\_\_­­­­­­­­­­­­­­­­­­\_\_\_**

**Multiple Choice**

Read each statement below and then record the correct answer on the scantron card provided.

1. A group of organisms at any particular level in a classification system is called a:

A. species

B. genus

C. taxon

D. phylum

2. Which of the following terms is NOT a category for biological classification?

A. kingdom

B. order

C. class

D. composition

3. Viruses are assigned to the kingdom.

A. archaebacteria

B. protista

C. eubacteria

D. none of the above

4. Of the six kingdoms now recognized:

A. two are plants and four are animals

B. four are eukaryotes and two are prokaryotes

C. four are macroscopic and two are microscopic

D. two are carnivorous and four are herbivorous

5. In plant taxonomy, a division is equivalent to:

A. family

B. order

C. class

D. phylum

6. In printed scientific names, only the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is capitalized.

A. family

B. class

C. species

D. genus

7. In the early 1700’s, the classification system used was:

A. polynomial

B. pentanomial

C. binomial

D. tetranomial

8. Characteristics that have arisen as a result of common evolutionary descent are said to be:

A. analogous

B. homogenous

C. heterogamous

D. homologous

9. The oldest level of taxonomic classification is:

A. class

B. family

C. genus

D. phylum

10. Which one of the following sequences shows the correct hierarchy of classification, going from the most inclusive to the least inclusive?

A. kingdom, domain, phylum, order, class, family, genus, species

B. domain, kingdom, phylum, class, order, family, genus, species

C. genus, species, kingdom, phylum, order, class, family

D. species, genus, family, class, order, phylum, kingdom

11. A taxon consisting of the most closely related species is called a(n) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. family

B. order

C. genus

D. phylum

12. The binomial system of classification was developed by:

A. Darwin

B. Wallace

C. Linnaeus

D. Malthus

13. Throughout the world, official species names are in:

A. Latin

B. Greek

C. English

D. French

14. Which kingdom contains “extremophiles”?

A. eubacteria

B. archaebacteria

C. fungi

D. Protista

15. A dichotomous key is used to:

A. locate an organism

B. identify an organism

C. divide a kingdom

D. interbreed species

**Teacher Version – Answer Key**

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