

Classification of Organisms Test

Part I – Multiple Choice: Choose the best answer for each questions.

1. The science of grouping living things is called:
 - a. Ecology
 - b. Taxonomy
 - c. Genetics
 - d. Anatomy
2. Which scientist developed the modern classification system?
 - a. Isaac Newton
 - b. Charles Darwin
 - c. Carolus Linnaeus
 - d. Albert Einstein
3. Which classification level is the broadest?
 - a. Species
 - b. Kingdom
 - c. Domain
 - d. Family
4. Which level is the most specific?
 - a. Genus
 - b. Species
 - c. Phylum
 - d. Class
5. Organisms are classified based on:
 - a. Similar characteristics
 - b. Favorite foods
 - c. Color only
 - d. Size only
6. Which kingdom contains plants?
 - a. Fungi
 - b. Animalia
 - c. Plantae
 - d. Protista
7. The first part of a scientific name is the:
 - a. Species
 - b. Genus
 - c. Kingdom
 - d. Domain
8. Which of the following is written correctly?
 - a. canis lupus
 - b. CANIS LUPUS
 - c. Canis Lupus
 - d. Canis lupus

9. A dog and a wolf belong to the same genus. This means they are:
- Unrelated
 - Closely related
 - Different kingdoms
 - Identical organisms
10. Which level comes after class in the taxonomic hierarchy?
- Family
 - Order
 - Species
 - Genus
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Part II – Matching: Match each term in Column A with the correct definition in Column B.

Column A

- Domain
- Species
- Genus
- Binomial Nomenclature
- Kingdom

Column B

- Naming system with two words
 - Largest classification group
 - Most specific classification level
 - Group containing closely related species
 - Large group below domain
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Part III – True or False: Write T or F

- _____ Taxonomy is the study of classifying organisms.
 - _____ Species is the broadest classification level.
 - _____ Carolus Linnaeus created binomial nomenclature.
 - _____ Organisms in the same genus are closely related.
 - _____ Fungi belong to the plant kingdom.
 - _____ Scientific names are written using two words.
 - _____ Kingdom is larger than domain.
 - _____ Animals belong to the kingdom Animalia.
 - _____ Classification helps scientists organize living things.
 - _____ The scientific name of an organism includes its genus and species.
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