Ecology Assignment 8 Classification and Taxonomy

Use the notes and textbook to answer the following questions.

Question 1 1 pts

In taxonomy, a group of related phyla are in a kingdom

False

True

Question 2 1 pts

In taxonomy, orders are higher than classes

False

True

Question 3 1 pts

In taxonomy, a family can contain many classes

False

True

Question 4 1 pts

In taxonomy, a class can contain many orders

True

False

Question 5 1 pts

In taxonomy, there can be many species in a genus

False

True

Question 6 1 pts

The classification system based on phylogeny is called cladistics

True

False

Question 7 1 pts

The evolutionary history of a species is known as its phylogeny

False

True

Question 8 1 pts

The branch of biology that groups and names organism is:

nomenclature

taxonomy

classification

phylogeny

Question 9 1 pts

A group of related classes of plants is a(n)

division

kingdom

phylum

order

Question 10 1 pts

The placing of information or objects into groups based on similarities is

speciation

phylogeny

biochemical analysis

classification

Question 11 1 pts

The system for identifying organisms that uses two words to name the species is:

binomial nomenclature

fan diagramming

dichotomous keying

cladistics

Question 12 1 pts

Animals are

stationary

heterotrophs

prokaryotes

autotrophs

Question 13 1 pts

The person who created the first system of naming organisms:

Gregor Mendal

Carolus Linneaus

Aristotle

Charles Darwin

Question 14 1 pts

Who created the classification system we still use today?

Gregor Mendal

Aristotle

Charles Darwin

Carolus Linneaus