

Directions: Choose the letter of the correct answer.

1. Carolus Linnaeus' system of naming organisms is called?
 - a. Binomial Nomenclature
 - b. Scientific Name
 - c. Taxonomic Classification
 - d. Species Name
2. Identify. The red fox and milkfish's scientific names are examples of which case in scientific naming?
 - a. Tautonymy
 - b. Taxonomy
 - c. Taxidermy
 - d. Tautology
3. Which of the following is considered a correct format in writing a scientific name?
 - a. *Homo sapiens*
 - b. Homo *sapiens*
 - c. Homo sapiens
 - d. *Homo sapiens*
4. The second part of the scientific name tells us about the organism's _____.
 - a. Genus
 - b. Species
 - c. Tautonym
 - d. None of the above
5. Which of the following contracts the scientific name of milkfish correctly?
 - a. *C. chanos*
 - b. C. chanos
 - c. Both a and b are correct
 - d. Neither a nor b is correct
6. Spiral prokaryotes that have longer cells are called?
 - a. Cocci
 - b. Bacilli
 - c. Spirochetes
 - d. Spirilla

7. This group of prokaryotes specifically thrive in areas without oxygen and use other gases for their functioning.
 - a. Archaea
 - b. Thermophiles
 - c. Halophiles
 - d. Methanogens
8. This group of bacteria is considered the original source of chloroplasts in plants.
 - a. Proteobacteria
 - b. Gram-positive bacteria
 - c. Cyanobacteria
 - d. Chlamydia
9. The community of microorganisms that reside in our bodies is referred to as?
 - a. Archaea
 - b. Bacteria
 - c. Microbiota
 - d. All of the above
10. Which of the following is considered as belonging to the group Proteobacteria?
 - a. *E. coli*
 - b. *Streptomyces*
 - c. *T. pallidum*
 - d. *B. burgdorferi*
11. Which protist group is able to perform photosynthesis?
 - a. Diatoms
 - b. Dinoflagellates
 - c. Ciliates
 - d. Amoebas
12. The feeding structures of fungi are called?
 - a. Mycorrhizae
 - b. Hyphae
 - c. Spores
 - d. Budding
13. Which group of plants include ferns and horsetails?
 - a. Lycophytes

- b. Monilophytes
 - c. Gymnosperms
 - d. Angiosperms
14. This phylum encompasses all flowering vascular plants.
- a. Bryophytes
 - b. Lycophytes
 - c. Monilophytes
 - d. Anthophytes
15. Which fungi are able to form a beneficial relationship with photosynthetic organisms such as cyanobacteria are called?
- a. Mold
 - b. Yeast
 - c. Lichen
 - d. None of the above
16. Which animal classification is based on the process of gastrulation?
- a. Vertebrate
 - b. Deuterostomes
 - c. Eumetazoa
 - d. Bilateria
17. The process where the external skeleton is shed in order to facilitate the growth of the individual.
- a. Metamorphosis
 - b. Gastrulation
 - c. Ecdysis
 - d. Ingestion
18. Which of the following is not a feature of chordates?
- a. Nerve cord
 - b. Notochord
 - c. Pharyngeal slits
 - d. Pre-anal tail
19. What invertebrate animal group is considered the most successful?
- a. Mollusk
 - b. Insects

- c. Sponges
 - d. Arachnids
20. Structures that allow jellyfishes to sting.
- a. Choanocytes
 - b. Cnidocytes
 - c. Cuticle
 - d. Vertebra
21. The class to which humans belong is?
- a. Mammalia
 - b. Aves
 - c. Reptilia
 - d. Amphibia
22. This species concept distinguishes species based on their capability to produce offspring.
- a. Ecological Species Concept
 - b. Phylogenetic Species Concept
 - c. Morphological Species Concept
 - d. Biological Species Concept
23. Mammals that lay eggs belong to which group?
- a. Marsupial
 - b. Eutherian
 - c. Monotremes
 - d. Primates
24. The mechanism of speciation where a new species comes from the separation of the population of the ancestral species.
- a. Reproductive isolation
 - b. Allopatric speciation
 - c. Sympatric speciation
 - d. None of the above
25. The earliest group of vertebrates is considered to be?
- a. Fish
 - b. Amphibians
 - c. Reptiles