

BIODIVERSITY

- I. **Directions:** Match the statement with the correct concept being discussed. Write the correct letter of the answer only.

____ 1. Refers to variation of species on Earth.

____ 2. Refers to the variation in the hereditary characteristics among different species

____ 3. Refers to the various communities of organisms

____ 4. Part of biodiversity

____ 5. Includes the variation in the habitat of a species

____ 6. The same species can exhibit different characteristics (ex. Different breeds of dogs)

Choices for numbers 1-6:

- A. Genetic diversity
- B. Species diversity
- C. Ecosystem diversity
- D. All of the above

____ 7. Education and research

____ 8. Cultural heritage

____ 9. Food

____ 10. Protection of water resources

____ 11. Maintenance of ecosystems

____ 12. Can benefit mankind in one way or another

Choices for numbers 7-10:

- A. Ecological services
- B. Natural resources
- C. Social benefits
- D. All of the above

____ 13. Throwing trash into Manila Bay

Choices for numbers 13-17:

____14. Practice of *kaingin* (burning down trees)

____15. Converting land for agriculture or housing project

____16. Buying pangolins to use their scales as traditional medicine

____17. The janitor fish found in Marikina River is not supposed to be there

- A. Destruction of habitat
- B. Pollution
- C. Wildlife poaching and illegal trade
- D. Introduction of invasive species
- E. All of the above

____18. Prokaryotic

____19. Where plants and animals are classified

____20. Organisms with membrane-bound nucleus

____21. Ancient bacteria

____22. True bacteria

Choices for numbers 18-22:

- A. Domain Archaea
- B. Domain Eubacteria
- C. All of the above
- D. None of the above

____23. Can live in extreme environments

____24. Cell wall made of peptidoglycan

____25. Can live in environments with high salt concentrations

____26. Found in neutral environments

____27. Multicellular organisms with membrane-bound nucleus

Choices for numbers 23-27:

- A. Domain Archaea
- B. Domain Eubacteria
- C. Domain Eukarya
- D. All of the above

___28. Animal-like and plant-like organisms

___29. Yeasts, molds, mushrooms

___30. Can photosynthesize

___31. Vertebrates and invertebrates

Choices for numbers 28-31:

A. Kingdom Animalia

B. Kingdom Protista

C. Kingdom Fungi

D. Kingdom Plantae

II. Directions: Arrange the taxonomic classification from **general** (topmost layer of the triangle) to **specific** (lowermost layer of the triangle).

kingdom

class

family

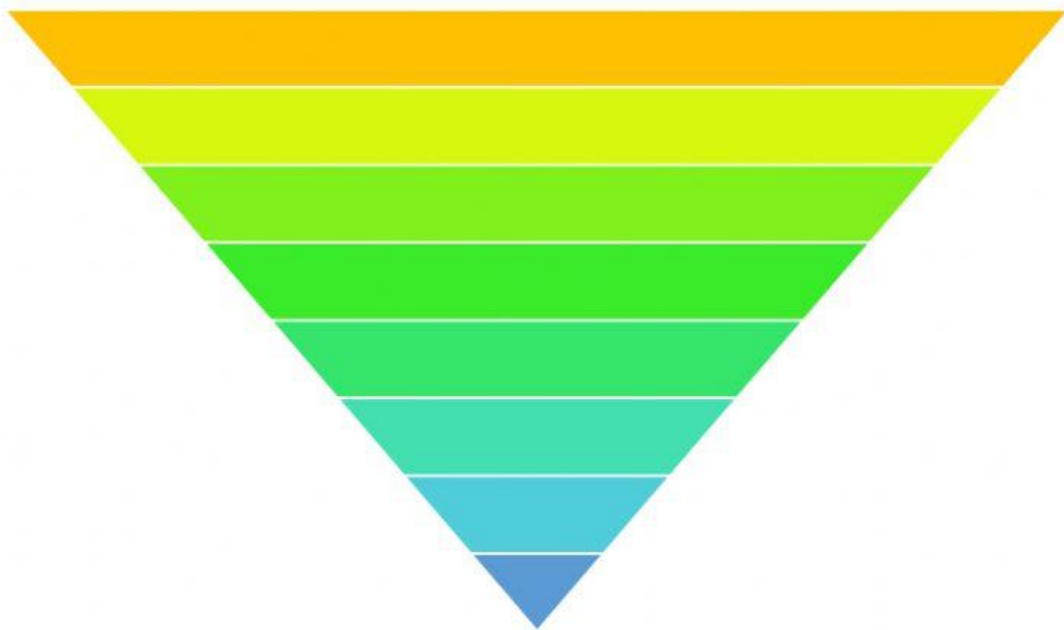
order

genus

domain

species

phylum



III. ESSAY:

b. Why is biodiversity important? Minimum of 5 sentences.

a. Choose from the different threats that affect biodiversity here in the Philippines. How can you help address these threats that endanger our biodiversity? Minimum of 5 sentences.