

Board – CBSE

Class – 11

Chapter – The living world

1. Name three botanists who contributed to the field of plant taxonomy.
2. Define a monograph.
3. Name a few botanical gardens in India. Also, name the largest botanical garden in the world.
4. Who is known as the Father of Taxonomy?
5. What are the 8 levels of taxonomy?
6. What is Taxonomy?
7. Define the following:
  - (i) Phylum
  - (ii) Class
  - (iii) Order
  - (iv) Genus
8. What do you mean by endemic and exotic species? Give examples for each.
9. A person living in a coma is considered living or dead?
10. Write the full form for the following code – ICVN, ICBN, ICZN, and ICNB.
11. Define the following terms- Metabolism, Growth and Development.
12. What are the three codes of nomenclatures?
13. What is the Binomial system of nomenclature? Who proposed this system? Why is binomial nomenclature the most acceptable mode of naming organisms?
14. Write the family of the following:
  - (a) *Mangifera indica*
  - (b) *Triticum aestivum*
15. Give hierarchical arrangement of taxonomic categories in ascending order. Write any three species of genus *Panthera*.
16. (a) Write two rules of nomenclature that are followed when scientific names are handwritten.

(b) Write the scientific names of man, housefly and leopard and identify the genus of each.

17. What is/are

- (a) Taxonomy?
- (b) Uses of taxonomic studies (any two)?
- (c) Prime source of taxonomic studies?
- (d) Pre-requisite for taxonomic studies?

18. (a) Define the following terms:

- (i) Taxon
- (ii) Taxonomic hierarchy
- (iii) Taxonomic category

(b) Arrange the following in ascending order of taxonomic hierarchy.

Solanum, Polymoniales, Solanaceae, melongena, Angiospermae, Plantae

19. Write four features of living organisms.

20. Define the given terms.

- (a) Identification
- (b) Biodiversity

21. Explain the category present between phylum and order in brief with examples.

22. Write the classification of mango plants starting from division.

23. Write a short note on zoological parks.

24. Describe key as a taxonomical aid in detail.

25. Give hierarchical arrangement of taxonomic categories in descending order. Write the genus of man, mako and tiger.