

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 6

Topic :- The Living World

- Biological organisation level of living being can be represented as
 - Sub-cellular → Cellular → Individual → Population
 - Atomic → Molecular → Cellular → Tissue → Organ → Organ systems → Individual
 - Organ system → Tissue → Cellular → Molecular → Atomic
 - Individual → Molecular → Tissue → Organ system → Population
- Which one of the following taxonomic categories top the hierarchy of categories?
 - Order
 - Division
 - Class
 - Family
- Which one of the category contain the least similar characteristic to one another?
 - Class
 - Order
 - Family
 - Division
- Binomial system of nomenclature was given by
 - Julian Huxley
 - Bentham and Hooker
 - Linnaeus
 - Casper Bauhin
- Which is first step in taxonomy?
 - Description of the organism
 - Identification of the organism
 - Nomenclature of the organism
 - Classification of the organism
- Among the following listed features, which is not a unique feature of living organisms?
 - Increase in size
 - Response to stimuli
 - Self organisation
 - Growth and reproduction
- Which one is species?
 - Cannis*
 - Pisum*
 - Leo*
 - Carnivora
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9. Nomenclature given by Linnaeus is
a) Binomial b) Trinomial c) Phylogenetic d) Natural
10. Two different genera are classified in the same taxonomic category family. Which statement is correct about their classification?
a) The same class, but different species
b) A different class and different order
c) The same phylum, but different class
d) A different kingdom and different phylum
11. Choose the correct sequence in the hierarchy of taxonomic categories in descending order.
a) Species-genus-family-order-class-division b) Division-order-class-family-genus-species
c) Division-class-family-order-genus-species d) Division-class-order-family-genus-species
12. What name would be suggested for phylum in classification of plants?
a) Phylum b) Sub-division c) Division d) Both (b) and (c)
13. A species is a group of organisms which
a) Can interbreed freely
b) Do not interbreed
c) Can live together
d) Can interbreed occasionally
14. Which one is the important function of botanical garden?
a) Allow *ex situ* conservation of germplasm
b) Are place for recreation
c) Plant diversity can be observed
d) Provide natural habitat for wildlife
15. Which one is the first biosphere reserve?
a) Norkrek Biosphere Reserve
b) Simlipal Biosphere Reserve
c) Pachmarhi Biosphere Reserve
d) Nilgiri Biosphere Reserve
16. Father of botany is
a) Aristotle b) Robert Hooke c) Darwin d) Theophrastus
17. Two plants can be conclusively said to belong to the same species if they
a) Can reproduce freely with each other and form seeds
b) Have more than 90 percent similar genes
c) Look similar and possess identical secondary metabolites

