

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 9

Topic :- The Living World

- Who coined the term 'Species'?
a) John ray b) Aristotle c) Linnaeus d) Cuvier
- Which one of the following branch is applicable to both plants and animals?
a) Herpetology b) Saurology c) Taxonomy d) Ichthyology
- Which of the following set of organisms reproduce by fragmentation (asexual mode of reproduction)?
a) *Amoeba*, fungi and earthworm
b) Fungi, filamentous algae and protonema of mosses
c) *Hydra*, fungi, *Amoeba* and bacteria
d) Earthworm, bacteria and fungi
- Which one of the taxonomic aids can give comprehensive account of complete compiled information of any one genus or family at a particular time?
a) Taxonomic key b) Flora c) Herbarium d) Monograph
- A 'texas' differ from 'taxon' due to
a) Being a higher taxonomic category than taxon
b) Being a lower taxonomic category than taxon
c) Being a plural of taxon
d) Being singular of taxon
- What name would be suggested for phylum in classification of plants?
a) Phylum b) Sub-division c) Division d) Both (b) and (c)
- Taxon is a/an
a) Group of same species b) Any rank in taxonomic hierarchy
c) Group of similar genera d) Sub-division of kingdom
- Phylogenetic system of classification was proposed by
a) Linnaeus b) Bentham c) Hutchinson d) Theophrastus
- Who has written the book *Historia Generalis Plantarum*?
a) Hutchinson b) Lamarck c) John Ray d) Linnaeus

10. A taxon is a
 a) Group of related species
 b) Group of related families
 c) Type of living organism
 d) Taxonomic group of any ranking
11. The genus *Felis* includes
 a) Tiger
 b) Fish
 c) Cat
 d) Frog
12. Who is regarded as Father of Zoology and Biology?
 a) Aristotle
 b) Theophrastus
 c) Darwin
 d) Linnaeus
13. Where labelling is done/pasted on herbarium sheet?
 a) Lower RHS
 b) Lower LHS
 c) Upper RHS
 d) Upper LHS
14. A germplasm collection is a
 a) Collection of specimens of all the species of an area in a herbarium or botanical garden
 b) Collection of modern varieties of a crop
 c) Collection of plants or seeds having diverse alleles of all genes in a crop
 d) Collection of seeds or pollen of rare and threatened species of a group or area
15. 'Ordines Anomali' of Bentham and Hooker includes
 a) Seed plants showing abnormal forms of growth and development
 b) Plants represented only in fossil state
 c) Plants described in the literature but which Bentham and Hooker did not see in original
 d) A few orders which could not be placed satisfactorily in the classification
16. Growth in unicellular organisms can be observed by
 a) Counting the mass of cultured cells
 b) Analysing the amount of nutrient absorbed by living organism
 c) Growth can not be observed
 d) *In vitro* culture by simply counting the number of cells under microscope
17. Which of the following are considered as the twin characteristics of growth?
 I. Responses to stimuli
 II. Increases in mass
 III. Increases in the number of individuals
 IV. Increases in width
 a) II and IV
 b) III and IV
 c) II and III
 d) I, II, III and IV
18. Biodiversity can be best defined as
 a) Occurrence of number and type of organisms
 b) Species and ecosystem of a region
 c) Variety of life in an ecosystem
 d) Totality of genes, species and ecosystem of a given region

19. Scientific name are printed (with english) and derived from
a) Bold and English b) Italics and Latin c) Italics and German d) Italics and French
20. A living organism can be easily distinguished from non-living on the basis of
a) Responsiveness to touch stimuli b) Movement and growth
c) Reproduction d) Interaction with environment and progressive evolution

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