

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 4

Topic :- The Living World

- Which is the only kingdom occupied by BGA, nitrogen fixing bacteria and methanogenic bacteria in five kingdom classification?
a) Plantae b) Protista c) Monera d) Fungi
- What is the basic unit of classification?
a) Family b) Order c) Species d) Genus
- Which of the following is a category?
a) Division b) Phylum c) Viruses d) Both (a) and (b)
- Distinction of prokaryota and eukaryote is based on
a) Cell organelles only
b) Chromosome only
c) Nucleus only
d) All of these
- Cladistics can be defines as
a) The relationship between sub-species and species
b) Relationship between two most forward races
c) Relationship between endangered and surviving species
d) Method of classification that attempt to interface phylogenetic relationship
- Why hierarchiral taxonomic system is used?
a) As each higher taxonomic category contains its below groups groups/categories
b) It is helpful to established classifications
c) All taxonomic categories reflect common habitats
d) Taxonomic group shows similar characters and have no evolutionary relationship
- Which one among the following is accurately arranged in descending specificity
a) Species → Family → Class → Order → Division b) Species → Genus → Division → Class → Kingdom
c) Species → Genus → Family → Order → Class d) Class → Order → Family → Genus → Species
- Viral genome when incorporated and integrated with bacterial genome is referred as
a) Prophages b) DNA c) RNA d) Both (a) and (c)

9. Process of metabolism leads to
a) Growth
b) Development
c) Functions of living body
d) All of these
10. The suffix 'phyta' indicates
a) Family b) Class c) Order d) Division
11. A group of organisms with similar trait of any rank is
a) Taxon b) Family c) Genus d) Species
12. Ascending or descending arrangement of taxonomic categories is known as
a) Classification b) Key c) Taxonomy d) Hierarchy
13. A group of inbreeding plant or animals is
a) Order b) Species c) Family d) Genus
14. Regeneration was first discovered in
a) *Hydra* b) *Planaria* c) Sponges d) *Amoeba*
15. What is illustrated by the statement 'Nothing lives forever, yet life continues'?
a) Metabolism b) Embryogenesis c) Reproduction d) Replication
16. ICVCN stands for
a) International Code of Virus Nomenclature
b) International Code of Valuation in Nomenclature
c) International Code of viral Classification and Nomenclature
d) International Code of Virulence Nomenclature
17. In *Solanum tuberosum*, first and second word stand for, respectively
a) Genus, generic name
b) Specific epithet species
c) Specific name and generic name
d) Generic name and specific name
18. In *Mangifera indica*, the word *Mangifera* is a
a) Genus b) Species c) Variety d) Order
19. An example for the artificial system of classification is
a) Betham and Hooker b) Linnaeus system c) Engler and Prantl d) Bessey

20. Select the correct option from the following

a) Mule can reproduce

c) Mule and worker bee do not reproduce

b) Worker bee undergoes reproduction to generate new progeny

d) None of the above

PE