

Class : XIth
Date :

Subject : BIOLOGY
DPP No. : 8

Topic :- The Living World

- Read the following features and select the correct option from the options given below with respect to living beings
 - They reproduce
 - They metabolise
 - They have cellular organisation
 - They have ability to respond to stimulia) I and III are true b) I and II are true c) Only III is true d) All are true
- According to binomial nomenclature, scientific name of an organism consists of
 - Generic name
 - Specific epithet
 - Both (a) and (b)
 - None of these
- Which one is species?
 - Cannis*
 - Pisum*
 - Leo*
 - Carnivora
- New systematics introduced by Sir Julian Huxley is also called as
 - Phonetics
 - Cladistics
 - Biosystematics
 - Numerical taxonomy
- Largest herbarium in the world is
 - Conservatory and Botanical Garden, Geneva
 - New York Botanical Garden
 - Royal Botanical Garden, Kew (London)
 - British, Museum of Natural History
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7. Abbreviation for International Code of Bacteriological Nomenclature is
 a) ICBN b) IC Bact N c) ICNB d) IC Bati N
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9. 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
10. Select true and false statement and choose correct answer from the option given below
 I. Taxon is a group of related organism
 II. Homo sapiens is the scientific name of man
 III. Royal Botanical Garden is located in Bristol (England)
 IV. Dudhwa National Park is located at Lakhimpur in UP
 V. There are about 89 wildlife sanctuaries and 492 National Parks in India
 VI. When specific name is identical to generic name it is an example of tautonym
 a) True-I, III, V, False-II, IV, VI
 b) True-I, II, III, False-IV, V, VI
 c) True-II, IV, VI, False-V, III, I
 d) True-VI, V, IV, False-III, II, I
11. Which branch of taxonomy is based on the determination of genetic relationship?
 a) Experimental taxonomy
 b) Numerical taxonomy
 c) Cytotaxonomy
 d) Biochemical taxonomy
12. One of the most important functions of botanical garden is
 a) One can observe tropical plants there b) They allow *ex situ* conservation of germplasm
 c) They provide the natural habitat for wildlife d) They provide a beautiful area for recreation
13. Reproduction is synonymous with growth in which of the following set of organisms?
 a) Bacteria, unicellular algae and *Amoeba*
 b) Bacteria, *Amoeba* and fungi
 c) Unicellular algae and fungi
 d) Unicellular algae and filamentous algae
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15. Where is Biosphere Reserve Simlipal located?
a) Kerala b) Odisha c) Asom d) Sikkim
16. Who had written Systema Naturae?
a) Ernst Mayr b) Carolus Linnaeus c) RH Whittaker d) WM Stanley
17. A genus with a single species is called
a) Typical b) Polytype c) Monotype d) Syntype
18. Ascending or descending arrangement of taxonomic categories is known as
a) Classification b) Key c) Taxonomy d) Hierarchy
19. Binomial system of classification was based on
a) Embryology b) Morphology c) Cytology d) Anatomy
20. Which series ends with the cohort umbellales in Bentham and Hooker's system of classification?
a) Thalamiflorae b) Disciflorae c) Heteromerae d) Calyciflorae

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