

Class : XI<sup>th</sup>  
Date :

Subject : BIOLOGY  
DPP No. : 3

## Topic :- The Living World

- Select true and false statement and choose correct answer from the option given below
  - Taxon is a group of related organism
  - Homo sapiens is the scientific name of man
  - Royal Botanical Garden is located in Bristol (England)
  - Dudhwa National Park is located at Lakhimpur in UP
  - There are about 89 wildlife sanctuaries and 492 National Parks in India
  - When specific name is identical to generic name it is an example of tautonym
  - True-I, III, V, False-II, IV, VI
  - True-I, II, III, False-IV, V, VI
  - True-II, IV, VI, False-V, III, I
  - True-VI, V, IV, False-III, II, I
- Biological organization in living state is at
  - Sub-microscopic level
  - Atomic level
  - Cellular level
  - Mixture level
- Which of the following are considered as the twin characteristics of growth?
  - Responses to stimuli
  - Increases in mass
  - Increases in the number of individuals
  - Increases in width
  - II and IV
  - III and IV
  - II and III
  - I, II, III and IV
- Linnaean system of plant classification is based on
  - Morphological and anatomical characters
  - Evolutionary trends
  - Floral characters
  - None of the above
- A group of inbreeding plant or animals is
  - Order
  - Species
  - Family
  - Genus
- Binomial nomenclature means
  - A scientific name, which consist of two words giving a generic name and a specific name
  - One name is given by two scientists
  - Two name, one vernacular and one scientific
  - Two name, one in Latin and other is a named of person

7. Tautonym is  
 a) Unscientific explanation of a phenomenon  
 b) Common name used as a scientific name  
 c) Nonlatinised name  
 d) Same name for genus and species
8. What size of herbarium sheet and label is recommended generally?  
 a) 30 × 40 cm, 6 × 12 cm  
 b) 29 × 41 cm, 7 × 14 cm  
 c) 30 × 45 cm, 7 × 12 cm  
 d) 20 × 30 cm, 5 × 10 cm

9. Choose the correct classification for the given plant



- a) Plantae, Angiosperm, Monocotyledons  
 b) Plantae, Angiosperm, Dicotyledons  
 c) Plantae, Gymnosperm, Monocot  
 d) Plantae, Pteridophytes, Dicot
10. Which one is correctly written scientific name?  
 a) *Panther Tigris*  
 b) *Mangifera indica*  
 c) *Pucnthera Leo*  
 d) *Columnba LIVEA*
11. New systematics introduced by Sir Julian Huxley is also called as  
 a) Phonetics  
 b) Cladistics  
 c) Biosystematics  
 d) Numerical taxonomy
12. Which one of the category contain the least similar characteristic to one another?  
 a) Class  
 b) Order  
 c) Family  
 d) Division
13. Who first proved that virus was made up of a nucleic acid and protein?  
 a) Griffith  
 b) WM Stanley  
 c) Dr Salvador Huria and Dr Max Delbruk  
 d) Dr NW Pjrie and Dr FC Bawden
14. In five kingdom classification, the eukaryotes were assigned under how many kingdoms?  
 a) Only four kingdom  
 b) All five kingdom  
 c) Only two kingdom  
 d) Only three kingdom

15. Select the correct statement from the following statements  
I. Increase in mass and increase in number of individuals are twin characteristics of growth  
II. Metabolic reactions can also be demonstrated outside the body in isolated cell-free systems  
III. 'Response to stimuli' is a defining property of living organisms  
a) I and II                      b) II and III                      c) I and III                      d) I, II and III
16. In *Mangifera indica*, the word *Mangifera* is a  
a) Genus                      b) Species                      c) Variety                      d) Order
17. In majority of higher animals and plants reproduction and growth are  
a) Mutually exclusive events  
b) Synonymous events  
c) Both (a) and (b)  
d) None of the above
18. Binomial nomenclature means  
a) A scientific name, which consist of two words giving a generic name and a specific name  
b) One name is given by two scientists  
c) Two name, one vernacular and one scientific  
d) Two name, one in Latin and other is a named of person
19. Which taxonomical aid provide all information about a particular taxon like order or family  
a) Herbarium                      b) Catalogue                      c) Taxonomic key                      d) Monograph
20. The biological definition of a species depends on  
a) The geographical distribution of two groups of organism  
b) Reproductive isolation of two groups of organism  
c) Anatomical and development differences between the two groups of organism  
d) Difference in the adaptation of two groups of organism