



**TARGET : NEET (UG) 2024**

**Course : SARANSH (Youtube Live CRASH COURSE)**

**BIOLOGY**

**DPP**

**DAILY PRACTICE PROBLEMS**

**DPP NO. 1**

## **BOTANY : THE LIVING WORLD**

### **DPP No. : 1**

1. Nomenclature is governed by certain universal rules. Which one of the following is contrary to the rules of nomenclature?
  - (1) When written by hand, the names are to be underlined
  - (2) Biological names can be written in any language
  - (3) The first word in a biological name represents the genus name, and the second is a specific epithet
  - (4) The names are written in Latin and are italicised
  
2. Select the correctly written scientific name Mango which was first described by Carolus Linnaeus :
  - (1) *Mangifera Indica*
  - (2) *Mangifera indica* Car. Linn.
  - (3) *Mangifera indica* Linn.
  - (4) *Mangifera indica*
  
3. Growth and reproduction are mutually inclusive events for
  - (1) Monerans & Plantae
  - (2) Monerans & Protistans
  - (3) Higher plants
  - (4) Both higher plants & animals
  
4. Biosystematics aims at
  - (1) The classification of organisms based on their evolutionary history and establishing their phylogeny on the totality of various parameters from all fields of studies
  - (2) Identification and arrangement of organism on the basis of their cytological characteristics
  - (3) The classification of organism based on broad morphological characters
  - (4) Delimiting various taxa of organisms and establishing their relationships
  
5. Classification is/has
  - (1) A single step process
  - (2) Subspecies or variety is the lowest Obligate category
  - (3) Category which does not represent rank
  - (4) Taxonomic groups or categories are distinct biological entities and not merely morphological aggregates

6. Which is not correctly matched with its taxonomic rank?

(1)	Solanaceae	Order
(2)	Homo	Genus
(3)	Felidae	Family
(4)	Mammalia	Class

7. Number of common characters are highest in the

- (1) Order                      (2) Genus                      (3) Family                      (4) Kingdom

8. Which of the following represent taxa at same level ?

- (1) Panthera, Solanum, Felis  
 (2) Datura, Felidae, Polymoniales  
 (3) Solanaceae, Carnivora, Chordata  
 (4) Mammalia, Monocotyledonae, Angiospermae

9. The correct sequence of taxonomic hierarchy in ascending order is

- (1) Family → Order → Class → Division → Kingdom  
 (2) Species → Genus → Class → Order → Division  
 (3) Kingdom → Division → Class → Order → Genus  
 (4) Kingdom → Division → Class → Family → Order

10. Which of the following statements about classification is not true?

- I. Members of a family are less similar than members of an included genus  
 II. An order has more members than the number of members in an included genus  
 III. Families have more members than phyla  
 IV. Members of a family share a common ancestor in the more distant past than members of an included genus  
 V. The number of species in a taxon depends on their relative degree of similarity
- (1) Only III                      (2) Only IV                      (3) Only V                      (4) None of these