

## Chapter- Diversity in living Organisms

### 1 Mark Questions

1. Differentiate between Poriferans and Coelentrates.
2. Give two examples of Bryophytes and Pteridophytes.
3. Define advantage of using scientific name instead of common name?
4. Define the main characteristics of Vertebrates.
5. Bat can fly still it is placed in mammals. Why?

### 2 Mark Questions

1. Show the diagrammatic representation of five-kingdom classification.
2. Draw a flowchart to depict classification of Kingdom Plantae.
3. a) Identify four features possessed by all Chordates.  
b) In which class would you place any organism which has:
  - i. a scaly exoskeleton and a bony endoskeleton.
  - ii. a scaly exoskeleton and lay eggs outside water.
4. Name the scientist who gave two kingdom and five kingdom classification system.
5. What are the important features of kingdom Monera.

### 3 Mark Questions

1. Give one point of difference between: i) Bilateral and radial symmetry ii) Notochord and nerve cord
2. (a) Name the locomotary organs of echinoderms.  
(b) Distinguish between- 1. Tapeworm and earthworm 2. Mite and termite
3. Point out differences between the following:
  - (a) Bony and cartilaginous fishes.
  - (b) Bilateral and radial symmetry.
  - (c) Notochord and nerve chord.
4. What are the advantages of classifying organisms.
5. Give three examples of characteristics used for hierarchical classification.

### 5 Mark Questions

1. What are the characteristic feature of Phylum Platyhelminthes.
2. Mention the characteristic features of phylum Arthropoda.