

## **DIVERSITY IN LIVING ORGANISMS**

### **SECTION A**

1. Will advanced organisms be the same as complex organisms? Why?
2. Define taxonomic hierarchy? Write name of categories?
3. On what basis all organisms are divided into five kingdom?
4. What are the advantages of scientific name?
5. Name the scientific name of tiger, man, mango, liverfluke and cockroach?
6. Differentiate between plant and an animal?
7. Differentiate between Monera and Protista?
8. Why fungi are called saprophytes?
9. What are lichens?
10. Explain symbiotic relationship and saprophytic?
11. Describe binomial nomenclature?
12. Who gave five and six kingdom classification?

### **SECTION B**

13. Differentiate between monocotyledonous and dicotyledonous?
14. Differentiate between cryptogamiae and phanerogamiae?
15. What are cotyledons?
16. Why Bryophytes are called amphibians of plant kingdom?
17. Name the division in which following plants are belong:  
Marchantia, Marsilea, wheat, Maize, Pinus, Ulothrix, Cladophora
18. Differentiate between Pteridophyta and Gymnosperms?
19. What is thallus and rhizoids?
20. On what basis different plants are divided into five division?
21. Which division in plants having primitive organisms?
22. Differentiate between Gymnosperms and Angiosperms?

## SECTION C

23. Name the phylum to which following organism are related:  
Sycon, Jellyfish, Starfish, Sea horse, Leech, Prawn, Tapeworm
24. Differentiate between diploblastic and triploblastic organisms?
25. What is coelome?
26. What is haemocoel?
27. What are the differences between amphibians and reptiles?
28. How are oviparous and viviparous animals different from each other?
29. Why are mammals so called?
30. State the phylum to which centipede and prawn belong?
31. Give two differences between cartilaginous and bony fishes?
32. What is notochord? Write its function?
33. Differentiate between annelids and arthropods?
34. Why do we keep snake and turtle in same class?
35. What are hermaphrodite?
36. Write the characteristics of chordate?
37. What is notochord?
38. List a few flight adaptation in birds?
39. What is pseudocoel?
40. Name the phylum which have following characteristics:
- Water canal system
  - Segmented body with jointed legs
  - Body having calcareous shell

### **Other Important links (underlined)**

This page contains Diversity in living organisms class 9 important questions. This is a [class 9 biology](#) chapter. For good detailed notes on this chapter please visit link [Diversity in living organisms class 9 notes](#).