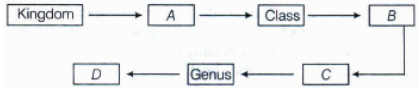
Visit QB365-SLMS - https://www.qb365.in/slms/ Complete Questions and Answers

Questions:

3 Marks

1. Write the scientific names of following organisms ?
   (i) Cat
   (ii) Rose
   (iii) Sparrow
2. In which fields taxonomical aids are helpful? Why taxonomic aids are used in these studies? Which different taxonomical aids are used by the biologists?
3. What is the benefit of metabolism for living organisms? What are its types?
4. Write the relation between taxonomic category and taxonomic hierarchy.Fill in the missing category in following hierarchical arrangement in ascending order.



5. On the basis of characteristics describe how closely or distantly related following species are:
   Human, Chimpanzee, Cats, Tigers, Rabbits, Mouse, Crocodiles and Lizards.
6. Write five characters which make you think that cockroaches and mentis belong to same Phylum.
7. List the information that should be shown on & the label of a herbarium sheet.
8. Mangifera indica Linn is the scientific name of mango.
   (a) What do the first two parts represent?
   (b) What does Linn indicate?
   (c) Why are the first two words written in italics?
9. Discuss in detail the binomial nomenclature of living organisms as given by Carlous Linnaeus.
10. Place the following species in their respective categories.
    (i) Housefly
    (ii) Mango
    (ii) Man
    (iv) Tulsi

QB365 Study Material QUESTION BANK 365

2 Marks

11. Write the name of any two organisms that show fragmentation
12. Define metabolism.
13. How will you differentiate between growth of plants and animals?
14. How do the following organisms reproduce?
    (i) Fungi
    (ii) Planaria
    (iii) Amoeba
    (iv) Hydra
15. Properties of cell organelles are not always found in the molecular constituents of cell organelles. Justify.
16. Reproduction cannot be the defining characteristic of living organisms.Justify.
17. In a given habitat we have 20 plant species and 20 animal species. Should we call it as 'diversity' or 'biodiversity'? Justify your answer.
18. List out the scope of systematics. Whose publication is Systema Naturae?
19. Give the name of few nomenclature codes.
20. What do we learn from identification of individuals and populations?
21. Write examples of two species, each belonging to same genera.
22. A plants may have different names in different regions of the country or world. How do botanists solve this problem?
23. What makes species a basic taxonomic category?
24. Write the proper order of taxonomic categories starting from top to the bottom.
25. What is a herbarium?
26. What is the importance of biodiversity?
27. What is key? How is it helpful in studying biological classification?
28. Write full form of following:
    (a) ICBN
    (b) ICZN
29. Latin names of plants and animals are difficult to pronounce and remember.Why do we then use them?
30. What is meant by taxonomic hierarchy?