

UNIT 1: DIVERSITY IN THE LIVING WORLD

CHAPTER 1: LIVING WORLD

ONE MARK QUESTIONS

1. What is reproduction?(k)
2. What is metabolism?(K)
3. Define biodiversity.(K)
4. Name the basic unit of classification.(K)
5. Define species.(K)
6. What is taxonomic hierarchy?(K)
7. What is a taxon?(K)
8. What is classification?(K)
9. Who introduced Binomial nomenclature?(K)
10. Define nomenclature.(K)
11. Define taxonomy.(K)
12. What is flora?(K)
13. What is the use of manuals?(K)
14. What are monographs?(K)
15. Name an animal that shows true regeneration.(K)
16. What is the title of publication of Linnaeus?(U)
17. What is family with reference to taxonomic categories? (K)
18. What is taxonomic hierarchy?(K)
19. Which organism reproduces by fragmentation?(U)
20. Growth is synonymous with reproduction in unicellular organisms. Why? (U)
21. What is self consciousness?(K)
22. What are living organisms? (K)
23. What is identification with reference to taxonomy?(K)
24. What is systematics? (K)
25. What is a species?(K)
26. What is a genus?(K)
27. Write the biological (scientific) name of Man.(K)
28. Write the biological (scientific) name of Housefly.(K)
29. Write the biological (scientific) name of Wheat.(K)
30. Write the biological (scientific) name of Mango.(K)
31. What is a Lead with reference to taxonomical aids?(K)
32. What is a Couplet?(K)
33. What are taxonomic al aids?(K)
34. Define Herbarium(K)
35. Expand the abbreviation ICBN. (K)
36. Expand the abbreviation ICZN. (K)
37. Name the family to which Wheat belongs? (K)
38. Name the family to which Mango belongs? (K)
39. Name the family to which Housefly belongs? (K)
40. Name the family to which Man belongs? (K)

TWO MARKS QUESTIONS

41. What are the twin characters of growth.(K)
42. What is Binomial nomenclature? Give an example for a binomial name.(K)
43. Why are the classification systems changing every now and then?(U)
44. What are the methods used to record description of organisms?(K)
45. How is key helpful in identification and classification of an organism?(A)
46. Write the taxonomic 'order' of the following . a) Mango b) Wheat (K)
47. Write the taxonomic 'order' of the following . a) Housefly b) Man (K)
48. What are the other means of taxonomical aids that help in recording descriptions? (K)
49. What are essential features of organisms that form the basis of modern taxonomic studies? (K)
50. Write the significance of herbarium? (U)

THREE MARKS QUESTIONS

51. Why are the living organisms are classified?(U)
52. What is binomial nomenclature? Write the universal rules of binomial nomenclature. (K)
53. Name three famous botanical gardens.(K)
54. Write the taxonomic categories of Man.(K)
55. Write the taxonomic categories of Housefly.(K)
56. Write the taxonomic categories of Mango.(K)
57. Write the taxonomic categories of Wheat.(K)
58. Write a note on 'Key' as a Taxonomic aid.(K)

FIVE MARKS QUESTIONS.

59. Write a brief note on taxonomic categories.(K)
60. Write a note on taxonomical aids.(U)
61. "Metabolism and consciousness become defining property of living organisms". Justify with reasons (U)
62. "Reproduction is not a defining property of growth". Justify with reasons.(U)
63. "Growth is a non defining property of life". Give reasons.(U)