



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

1 THE LIVING WORLD

One Mark Questions And Answers

1. Name the basic unit of classification.



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2. Define species.



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3. Who is the father of taxonomy?



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4. What is a taxon ?



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5. Write the scientific name of coconut.



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6. What is a key ?



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7. Name the scientific method of naming a species used by Carolus Linnaeus ?



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8. Why are living organisms classified ?



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9. Why are classification systems changing every now and then ?



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10. Given below is the scientific name of Mango. Identify the correctly written name.

(a) *Mangifera Indica* (b) *Mangifera indica*



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11. What does ICZN stand for ?



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12. Couplet in taxonomic key means ?



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13. What is monograph ?



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14. Define metabolism.



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15. Name the structural and functional unit of an organism.



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16. What is binomial nomenclature ?



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17. Who introduced the binomial nomenclature ?



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18. Name the basic unit of classification.



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19. What is taxonomy ?



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20. What is a taxon ?



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21. What is taxonomic category?



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22. What is taxonomic hierarchy?



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23. Define species.



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24. Define genus.



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25. Define family.



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26. Define order.



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27. Define class.



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28. Define phylum.



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29. Define division.



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30. Define Kingdom.



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31. What are zoos?



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Two Mark Questions And Answers

1. What do we learn from identification of individuals and populations ?



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2. How is a key helpful in the identification and classification of an organism?



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3. Mention any four characters of living organisms.



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4. Mention any four taxonomical aids which help in preserving specimens.



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5. What is a herbarium ? How herbarium help in preserving plant specimens ?



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6. What is a Botanical garden ? Give examples.



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Three Marks Questions With Answers

1. Illustrate the taxonomical hierarchy with suitable examples of a plant and an animal .



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2. (a) What are taxonomic aids ? (b) Give the importance of herbaria and museums . (c) How are Botanical Gardens and Zoological Parks useful in conserving biodiversity ?



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3. Define a taxon. Give some examples of taxa at different hierarchical levels.



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Five Mark Questions And Answers

1. Write a short note on Binomial Nomenclature and guidelines for Binomial Nomenclature.



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2. Mention various Taxonomic aids and briefly describe them.



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3. Describe the steps involved in the classification of an organism.



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4. Write a short note on Keys.



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5. Write a note on Flora, Manuals and Monograph.



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