



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

BIOLOGICAL CLASSIFICATION

One Mark Questions And Answers

1. What is a capsid ?



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2. Which are DNA viruses RNA viruses ?



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3. Which is the nucleic acid found in bacteriophages ?



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4. Give an example for symbiotic bacteria.



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5. Give one example to Nitrifying bacteria.



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6. Mention the characteristic blue pigment of cyano bacteria.



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7. What protists are Eukaryotes ?



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8. What is Isogamy / Anisogamy ?



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9. What is an algal bloom ?



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10. Name the pigment that gives golden brown colour to Diatom.



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11. Which organism is commonly called " Pond Silk" ?



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12. What are Saprophytes ?



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13. What is Mycelium ?



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14. What are Hyphae ?



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15. Mention any one harmful effect of fungi .



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16. Why are deutermycetes named as Imperfect fungi ?



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17. State the occurrence and function of the cilia.



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18. Name the locomotor organelles of class Rhizopoda /Sarcodina ?



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19. Who proposed the five kingdom classification ?



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20. Name the two kingdoms in the two kingdom classification ?



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21. In what form is food stored in Euglena ?



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22. What is a plasmid ?



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23. Name two bacterial diseases of plants.



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24. What is a trichome ?



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25. What are Akinetes ?



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26. What are Heterocysts ?



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27. What is the principle underlying the use of cyanobacteria in agricultural fields for crop improvement ?



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28. What are prokaryotes ?



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29. Name the five Kingdoms of living organisms ?



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30. Who proposed the five kingdom classification ?



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31. What are Monerans ?



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32. Give an example for kingdom Monera.



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33. What are mycoplasmas ?



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34. Give an example for red dianoflagelletes ?



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35. Give an example for euglenoids .



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36. Name the Kingdom which includes eukaryotic heterotrophic organisms ?



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37. Give an example for deuteromycetes.



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38. What are the two distinct phases in the life cycles of plants ?



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39. What is alternation of generation ?



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40. Name the Kingdom which includes heterotrophic eukaryotic multi - cellular organisms which lack cell walls ?



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41. Which is the mode of nutrition in animals ?



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42. What is the reserve food material of animals ?



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43. Name the genetic material of viruses ?



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44. What is a capsid ?



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45. Why viruses are called obligate parasites ?



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46. Name the disease caused by viroid's ?



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47. What are lichens ?



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48. What is a phycobiont ?



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49. What is a mycobiont ?



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Two Mark Questions And Answers

1. List the general characters of Monera.



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2. Write any two living and non - living characters of virus.



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3. Write a note on bacteriophages.



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4. Explain Heterocyst.



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5. List any four division of the kingdom Protista based on morphology



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6. Write any two distinguishing characters of Fungi.



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7. Give four characters of Protozoa.



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8. Give two characteristics of kingdom Metazoa.



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9. Give two characteristics of kingdom Metaphyta.



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10. Give two characteristics of kingdom Metazoa.



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11. Discuss how classification systems have undergone several changes over a period of time ?



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12. What is the nature of cell - walls in diatoms ?



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13. Find out what do the terms 'algal bloom ' and 'red -tides' signify .



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14. Plants are autotrophic . Can you think of some plants that are partially heterotrophic ?



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15. What do the terms phycobiont and mycobiont signify?



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16. Are chemosynthetic bacteria atrophic or heterotrophic ?



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17. Name the five Kingdoms of living organisms

?



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18. Name the fungi which belongs to basidiomycetes.



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19. Write the four characters of Phycomycetes

?



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20. Write the characters of Ascomycetes ?



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21. Who discovered viroids ?



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Three Marks Questions With Answers

1. State two economically important uses of heterotrophic bacteria



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2. State two economically important uses of archaeobacteria .



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3. How are viroids different from viruses ?



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4. Mention four major groups of protozoans



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5. What are the characteristic features of Euglenoids ?





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Five Mark Questions And Answers

1. Write any two distinguishing characters of Fungi.



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2. Explain the useful aspects of Fungi.



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3. Classify bacteria based on the number and position of flagella.



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4. Explain the types of bacteria based on their mode of Nutrition.



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5. Give a comparative account of the classes of Kingdom Fungi under the following categories

:

(i) mode of nutrition. (ii) mode of reproduction.



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