



BIOLOGY

BOOKS - PSEB

BIOLOGICAL CLASSIFICATION

Exercise

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



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2. State two economically important uses of:
heterotrophic bacteria



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3. State two economically important uses of:
archaebacteria



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



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



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6. How are viroids different from viruses?



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7. Describe briefly the four major groups of Protozoa.



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



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9. What do the terms phycobiont and mycobiont signify?



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10. Give a comparative account of the classes of Kingdom Fungi under the following: mode of nutrition



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11. Give a comparative account of the classes of Kingdom Fungi under the following: mode of reproduction



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12. What are the characteristic features of Euglenoids?



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13. Give a brief account of viruses with respect to their structure and nature of genetic material. Also name four common viral diseases.



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14. Organise a discussion in your class on the topic - Are viruses living or non-living?



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