Biological classification

GPLUS EDUCATION

CHAPTER-2

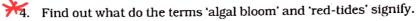
EXERCISES

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



State two economically important uses of:

- (a) heterotrophic bacteria
- (b) archaebacteria
- 3. What is the nature of cell-walls in diatoms?



- 5. How are viroids different from viruses?
- 6. Describe briefly the four major groups of Protozoa.
 - 7. Plants are autotrophic. Can you think of some plants that are partially heterotrophic?
- $\frac{1}{2}$ 8. What do the terms phycobiont and mycobiont signify?
 - 9. Give a comparative account of the classes of Kingdom Fungi under the following:
 - (i) mode of nutrition
 - (ii) mode of reproduction
- 10. What are the characteristic features of Euglenoids?
- Give a brief account of viruses with respect to their structure and nature of genetic material. Also name four common viral diseases.
- 12. Organise a discussion in your class on the topic Are viruses living or non-living?