

# Biological classification

GPLUS EDUCATION

## CHAPTER-2

### EXERCISES

1. Discuss how classification systems have undergone several changes over a period of time?
- \*2. State two economically important uses of:
  - (a) heterotrophic bacteria
  - (b) archaebacteria
3. What is the nature of cell-walls in diatoms?
- \*4. Find out what do the terms 'algal bloom' and 'red-tides' signify.
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?
- \*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?
- \*11. 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?