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**2nd Edition**



3G E-LEARNING

# GENERAL BIOLOGY 2

**2nd Edition**



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## GENERAL BIOLOGY 2

2nd Edition



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## General Biology 2

### 2nd Edition

Our fascination with biology has a long history. Even early humans had to study the animals that they hunted and know where to find the plants that they gathered for food. The invention of agriculture was the first great advance of human civilization. Medicine has been important to us from earliest history as well. Biology is the science of life. Biologists study the structure, function, growth, origin, evolution and distribution of living organisms. It encompasses the cellular basis of living things, the energy metabolism that underlies the activities of life, and the genetic basis for inheritance in organisms. Biology also includes the study of evolutionary relationships among organisms and the diversity of life on Earth.

This Second Edition is an exploratory and introductory course which leads you to General Biology 2 National Certificate Level I. This course book will help you understand organismal biology. You will also learn about DNA—what it is, what it does, and other related topics such as genetics, taxonomic concepts, and evolutionary relationships. In this revised course units have been updated and new topics are added to make each subject matter more interesting and easier to understand by the students. It aims to inspire learners in striving harder by developing a sense of responsibility and commitment as they go along with the course. It covers nine units under four sections.

The Book comes with a companion DVD for rich learning experience, which includes:

1. E-Book with further reading and learning links.
2. Interactive E-lecture of each chapter. E-lectures are expressive, informational, entertaining and persuasive, it uses the tool of self-exploration, which makes it easy to learn and understand each topic in detail. It is very informative as concrete details are provided and also entertaining, as graphics and other visuals are provided to make the learning process more interactive.
3. Video Lecture of each chapter, which explains each topic in detail with examples, animations, images and text and makes it easy to understand the topics in easier, simpler and better way.
4. Huge Database of Interactive Assessments for each chapter, which is also printable.
5. Further reading and learning links for each topic.
6. Glossary and Notes for each chapter to understand each chapter with to the point information.
7. The DVD also includes a printable workbook, which walks through with a various sets of questions and choices and assists in completing the curriculum. The workbook covers; Learning Objectives, Essential Concepts, Matching Definitions, Study Problem, Questions, Fill in the Blanks and Answers.
8. Review Questions for each chapter are also given in the DVD, which are also printable.

The DVD is also a useful tool for teachers to teach with digital resources in classroom and do a great job of illustrating skills and techniques that are otherwise difficult to explain.

