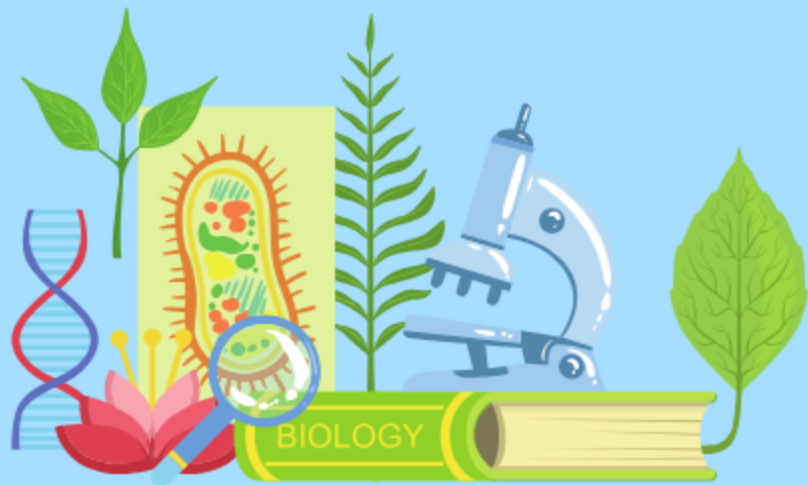


# BIOLOGY



## Course

- Lesson 1 The Living and the Biomolecules (2:30 Hours)
- Lesson 2 Biomolecules - Exercises (2:30 Hours)
- Lesson 3 Cell theory. The Prokaryotic cell, Prokaryotic Domains (2:30 Hours)
- Lesson 4 Eukaryotic cells, animal and plant cells; exercises (2:30 Hours)
- Lesson 5 Cellular Membrane, Membrane Transport Processes (2:30 Hours)
- Lesson 6 Mitosis and Meiosis (2:30 Hours)
- Lesson 7 Gregor Mendel and the Principles of Inheritance (2:30 Hours)
- Lesson 8 Genetic after Mendel (2:30 Hours)
- Lesson 9 Darwin and the Evolution (2:30 Hours)
- Lesson 10 Classification and Evolution (2:30 Hours)
- Lesson 11 Nucleic Acids and DNA Duplication (2:30 Hours)
- Lesson 12 DNA-The Genetic Code- Different types of RNA and their functions (2:30 Hours)
- Lesson 13 Protein synthesis, Mutations (2:30 Hours)
- Lesson 14 First Part Summary (2:30 Hours)
- **Lesson 15 IN ITINERE EXAM** (2:30 Hours)
- Lesson 16 Elements of Genetic Engineering; exercises (2:30 Hours)
- Lesson 17 Cellular Activity: Photosynthesis (2:30 Hours)
- Lesson 18 Cellular Activity: Cellular glycolysis, aerobic respiration and fermentation (2:30 Hours)
- Lesson 19 Elements of Histology-Human Organs and Organ Systems (2:30 Hours)
- Lesson 20 The Digestive System, Anatomy and Physiology (2:30 Hours)
- Lesson 21 Respiratory System, Anatomy and Physiology (2:30 Hours)
- Lesson 22 Heart and Blood - Circulatory System, exercises (2:30 Hours)
- Lesson 23 The Immune System (2:30 Hours)
- Lesson 24 The Endocrine System (2:30 Hours)
- Lesson 25 The Nervous System (2:30 Hours)
- Lesson 26 Summary- Endocrine and Nervous System (2:30 Hours)
- Lesson 27 Summary- Human Anatomy and Physiology (2:30 Hours)
- Lesson 28 General Summary (2:30 Hours)
- **Lesson 29 FINAL EXAM** (2-3 Hours)