



OLYMPIAD APTITUDE TEST

Syllabus- Biology (Grade XI)

- I Diversity of Living Organisms
 - The Living World
 - Biological Classification
 - Plant Kingdom
 - Animal Kingdom
- II Structural Organisation in Plants & Animals
 - Morphology of Flowering Plants
 - Anatomy of Flowering Plants
 - Structural Organisation in Animals
- III Cell: Structure and Function
 - Cell-The Unit of Life
 - Biomolecules
 - Cell Cycle and Cell Division
- IV Plant Physiology
 - Transport in Plants
 - Mineral Nutrition
 - Photosynthesis in Higher Plants
 - Respiration in Plants
 - Plant - Growth and Development
- V Human Physiology
 - Digestion and Absorption
 - Breathing and Exchange of Gases
 - Body Fluids and Circulation
 - Excretory Products and Their Elimination
 - Locomotion and Movement
 - Neural Control and Coordination
 - Chemical Coordination and Integration



OLYMPIAD APTITUDE TEST

Syllabus- Biology (Grade XII)

Unit	Title
I	Reproduction Reproduction in Organisms Sexual Reproduction in Flowering Plants Human Reproduction Reproductive Health
II	Genetics and Evolution Principles of Inheritance and Variation Molecular Basis of Inheritance Evolution
III	Biology and Human Welfare Human Health and Diseases Strategies for Enhancement in Food Production Microbes in Human Welfare
IV	Biotechnology and its Applications Biotechnology and its Application
V	Ecology and Environment Organisms and Populations Ecosystem Biodiversity and its Conservation Environmental Issues