

# Syllabus for Biotechnology Bachelor's

## Section 1: Subject Knowledge

Please Note: A Total of 40 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Bachelor's Candidate.

### Unit I: Biology

Cell Biology, Biochemistry, Genetics, Molecular Biology, Evolution, Microbiology, Plant Biology, Animal Biology, Ecology

### Unit II: Methods in Biology

Cell Biology, Biochemical techniques, Molecular biology techniques.

### Unit III: Chemistry

Structure and properties of Atoms, Bonding in molecules, Chemical kinetics, thermodynamics, and equilibrium, Physical and chemical properties of compounds, Chemistry of organic compounds, and Instrumental techniques.

## Section 2: Fundamental Skills

Please Note: A Total of 28 Questions will be asked, combining the following topics, with the difficulty level commensurate to a Bachelor's Candidate.

### Unit I: Data Analysis

### Unit II: Math and Statistics

### Unit III: Critical Reasoning and Aptitude

### Unit IV: Reading and Writing

## Section 3: Specific Skill Proficiency

This section has more than 30 skills. You can select the ones you are proficient in from the enrollment form. You can choose a maximum of 2 skills. Each skill contains 10 questions.