

## **M.Sc. Biotechnology Admissions 2026-2027**

- A. ENTRANCE EXAMINATION – 40 marks**
- B. INTERVIEW – 20 marks**

### **Syllabus for Entrance Examination:**

#### **Biochemistry**

Protein structures, enzyme function, Membrane structure and function

#### **Cell Biology**

Cell division, Cellular transport, Cellular respiration and photosynthesis

#### **Genetics**

Principles of Mendelian Genetics, chromosomal aberrations and human disease

#### **Genetic Engineering**

Basic techniques in Genetic Engineering: vectors, restriction digestion, ligation and transformation

#### **Molecular Biology**

DNA structure, DNA replication, transcription and translation

#### **Question Pattern**

- The entrance examination will have **ONE SECTION** of 40 marks.
- **40 MCQs – 1 mark each – One Hour Duration.**
- No negative marks for incorrect responses.

#### **C. INTERVIEW – 20 marks**

Candidates who clear the entrance exam will be asked to attend an interview conducted by faculty from the department. 5 subject specific questions, each carrying 4 marks, spanning the given curriculum will be asked. Total marks – 20 marks.