

B.Sc. DEGREE EXAMINATION, EVEN SEMESTER 2021
II Year III Semester
Cell Biology and Molecular Biology

Max.marks :25

Answer any **FIVE** questions ($5 \times 5 = 25$) Marks

1. Describe the ultrastructure of a plant cell wall.
2. Explain the functions of lysosomes and Golgi bodies.
3. What is the role of vacuole in a plant cell?
4. Illustrate the Lac operon regulation in *E. coli*.
5. List the steps involved in PCR technique.
6. Determine the role of nucleus in inheritance.
7. Describe the phenomena of feedback inhibition.