

B.Sc. DEGREE EXAMINATION, ODD SEMESTER 2020
II Year III Semester
Cell Biology and Molecular Biology

Max.marks :25

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

1. Explain the cell organization of Prokaryotes with a diagram.
2. Give an account of structure and functions of Endoplasmic Reticulum.
3. Give an account of Sphaerosomes & Glyoxysomes.
4. Describe Lac-Operon.
5. What are vectors? Explain the role of any 2 vectors in rDNA technology.
6. Write a brief note on ultra structure and functions of plant cell wall.
7. Briefly describe the Fluid mosaic model of Plasma Membrane with diagram.