

M.Sc. DEGREE EXAMINATION, ODD SEMESTER 2020
II Year and III Semester
Bioinstrumentation and Bioinformatics

Max.marks :25

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

1. Write the principle and working mechanism of high performance liquid chromatography (HPLC).
2. Comment on spectrophotometry and its types.
3. Outline the components and working mechanism of scanning electron microscope.
4. What are data bases? Explain the biological data bases.
5. Elucidate the key approaches in drug discovery.
6. Describe how the phylogenetic analysis is carried out.
7. Explain electrophoresis with neat labelled diagram.