

**M.Sc. Microbiology (Semester-II)**

**Paper EC1: Cell Biology and analytical techniques**

**Total marks: 30 (15+15)**

**Prepare assignment on any two topics**

<b>S NO.</b>	<b>Topic</b>
1.	Photosynthesis in Bacteria
2.	Concepts of signal transduction
3.	Electron microscopy
4.	Microtome
5.	Flow cytometry
6.	Density gradient centrifugation
7.	2-D electrophoresis
8.	HPLC
9.	RIA
10.	Freeze drying and its application in biological systems

**Instructions: Prepare assignment in hard copy and submit in the department after reopening of college**