

**ES-3737****M. Sc. (Fourth Semester) Special Examination, 2020****CHEMISTRY/APPLIED CHEMISTRY*****Paper : Second–(MCH-402)*****(Organic Chemistry)*****Maximum Marks : 35******Note:*** All questions are compulsory. Each question carry equal marks.

1. Give an account of DEPT-technique.
2. Give an account of QUADRUPOLEAR ANALYSER.
3. Give an account of High Resolution Mass Spectroscopy.
4. Describe mechanism and orientation in pyrolytic elimination reactions.
5. Discuss Lineweaver-Burk plot and give its applications.