

B.Sc. DEGREE EXAMINATION, EVEN SEMESTER 2021
II Year IV Semester
Analytical Techniques in Chemistry

Max.marks : 25

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

1. Discuss about the principle behind colorimetric analysis.
2. Explain the application of Raman spectra in structural analysis.
3. Write note on F^{19} NMR.
4. Explain Guoy's method of determining magnetic susceptibility.
5. Write note on DSC.
6. Discuss the principle behind XPS.
7. Explain the interferences in AAS.