

Course Code: 3MSC1
Course: Application of Spectroscopy
Credit: 3
Last Submission Date: April 30 (for January Session)
October 31, (for July session)

Max. Marks:-30
Min. Marks:-11

Note:-attempt all questions.

- Que.1 Give details about microwave spectroscopy.
- Que.2 What is Rocalational- Rotational spectroscopy.
- Que.3 What is frank- condon principle.
- Que.4 white notes on raman spectroscopy.
- Que.5 What is spin spin interaction.
- Que.6 White principle and in introduction of c-13 NMR.
- Que.7 What is Auger spectroscopy.
- Que.8 White details about electron spin resoran is spectroscopy.
- Que.9 White theory and in itrumentation of NQR.
- Que.10 White notes on mossbenor spectroscopy.