Course Code: 1BSC3 Course: Chemistry-I

Credit: 4

Last Submission Date: April 30 (for January Session)

October 31, (for July session)

Max. Marks:-30 Min. Marks:-10

Note:-attempt all questions.

- Que.1 Explain the cluale nature propaties of matter.
- Que.2 Explain VSEPR theory to df3 and Sf4.
- Que.3 Explain the lattice detects.
- Que.4 Discuss molecular theory for horucfeanand hetroruchear (WSNO) diatomic molecules.
- Que.5 What is the alkalimeter and alkali earth metal elements explain with example.
- Que.6 Write short notes on-:
 - (1) Silicates
 - (2) Interhalogens
- Que.7 Explain the aroomatiycity chuature of organic compound.
- Que.8 Discuss the friedel craft reach and Bloch reduction
- Que.9 Explain the SN_1 and SN_2 redⁿ with energy profiled in grans.
- Que.10 Briffy explain with the example of diels alder rea?