

Generic Elective (GE) 2nd Semester
Chemistry

(1) State Hess' Law of constant heat summation and explain some of its important applications. 5 Marks

Or

Write short note on the followings:

1.25*4=5 Marks

- a) Standard enthalpy of combustion
- b) Standard enthalpy of formation
- c) Bond dissociation energy
- d) Laws of thermodynamics

(2) Discuss briefly (with mechanistic details) Friedel-Craft's alkylation and acylation reactions. 2.5*2=5 Marks

Or

Discuss the followings:

2.5*2=5 Marks

- a) Sandmeyer reaction
- b) Gattermann reaction

