

Old session End Generic
CHEMISTRY

Internal examination

Sem-I. Answer any two questions.

- 1) Explain de Broglie eqn
- 2) What do you mean by hybridization.
Discuss sp³ hybridization
- 3) Differentiate b/w carbocation and carbanion.

Sem-II Answer any two questions.

- 1) What do you mean by common ion effect.
- 2) Discuss the mechanism of Friedel-Crafts reaction.
- 3) Explain Gattermann-Koch reaction.

Sem-III Answer any two questions

- 1) Explain Kohlrausch law.
- 2) Discuss H₂V₂ reaction.
- 3) What do you mean by isoelectric point and zwitter ion.

Sem-IV Answer any two questions

- 1) Explain electronegativity.
- 2) Discuss the kinetic molecular theory of gases.
- 3) What is symmetry? Explain with example.