

B.Sc. Sem II Core III (20-23)

008.
chem

Answer any two

- Q.1. - Discuss sp^3 , sp^2 and sp hybridisation with the help of example of methane, ethylene and acetylene.
- Q.2. Write a note on optical isomerism.
- Q.3. Write a note on aromaticity.

B.Sc. Sem II Core IV

- Q.1. Write notes on
(a) Reversible process (b) Internal Energy
(c) Enthalpy (d) Entropy
- Q.2. Discuss Le-Chatellier's Principle
- Q.3. Write a notes on Bond Energy.

B.Sc. Sem II Practical 2 P2

1. Prepare m-dinitrobenzene
2. Note book
3. Viva voce.