

Core V

(Answer any two)

- Q. What are acids and bases? Can you define Lewis Acid and bases
- Q. What are pseudohalogen and halogens
- Q. Write short notes on Noble Gases.

Core VI

(Answer any two)

- Q. Write notes on nucleophilic substitution reaction,
- Q. Define the organometallic compounds
- Q. What is Perkin, Cannizzaro reaction.

Core VII

(Answer any two)

- Q. What are the concept of phases, components & Degree of freedom.
- Q. Define order and molecularity of a reaction.
- Q. Define catalysts & its specificity.

P - III

Answer any one

1. Prepare cuprous chloride, Cu_2Cl_2
2. Detect the given organic compound containing alcohol group
3. Note book
4. Viva voce.

(SEC) Answer Any two

- 1. Write short notes on AIDS
- 2. Write a note on Environmental awareness in India
- 3. Write notes on Disaster Management

CHEM - GE

(Theory) (Answer any two)

a. Define Ideal solution

Q. Define Raoult's Law

Q. What are concept of EMF of a cell

Q. What are amino acid

Q. Define Carbohydrates & its general properties

GE Practical

Q. Prepare m-dinitrobenzene

Q. Analyse the given organic compound.

Q. Note book

Q. Viva voce