

- 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,  $\text{Cu}_2\text{Cl}_2$
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