**Q U E S T I O N S – Paper 1**

**UNIT I**

1. Diagonal relationship between Li and Mg.
2. Gradation of properties in s, p – block
3. Structure of Diborane and higher boranes
4. Borazine(Inorganic benzene), Structure and propertiesComparision of properties with Benzene,
5. Silanes
6. Silicones – Classification, Preparation and uses
7. Phosphazine
8. Interhalogens
9. Pseudohalogens
10. Classification of oxides

**UNIT IV**

1. Role of H2S in qualitative analysis.
2. Note on Solubility product and Common ion effect
3. Detection of end point in Redox titrations.
4. Notes on –
5. Metallochromes
6. Fajan’s titration
7. Volhard’s titration
8. Adsorption indicator
9. Selection of end point in acid – base titrations