**Short ans type questions**

1. **What are strong electrolytes?**
2. **What is degree of Dissociation**
3. **What is the lewis concept of acids and bases?**
4. **What is solubility product?explain with example.**
5. **Who gave elligham diagram and what is the use of it?**
6. **Why Carbon is not used in mettalurgy of Cr?**
7. **What are scales and sludges?**
8. **What are the applications of Zeolite process?**
9. **What is regeneration of Zeolites, give its reactions.**
10. **Draw the structures of Ion exchange resins?**
11. **What are the advantages of ion exchange process over zeolite process?**

**Long ans type questions**

1. **Explain Zeolite process in detail with regeneration process .**
2. **Explain the working of ion exchange process with diagram**
3. **Derive Nernst equation for two half cell.**
4. **What are the applications of Nernst equation?**