



SIDDHIKSHA EDUCATION CARE 2024-25

CHEMISTRY - 11

1. Explain Castner - Kelner process of preparing sodium hydroxide.
2. How Beryllium differ from other elements of its own family?
3. State Henry's law. Write the limitations of Henry's law.
4. a) What are Colligative properties? b) Define Normality and Molality.
5. Explain the following reactions: a) Friedel craft's reaction ii) Wurtz-Fittig reaction
6. a) Write the Nitration of benzene b) What are the uses of Alkynes?
7. a) How is plaster of paris prepared? b) Explain the anomalous behaviour of beryllium.
8. Discuss the formation of N_2 molecule using MO theory.
9. a) Deduce and explain the Henry's law. b) What are the colligative properties?
10. a) How does Huckel's rule help to decide the aromatic character of a Compound? b) Write the Friedal Crafts reaction.