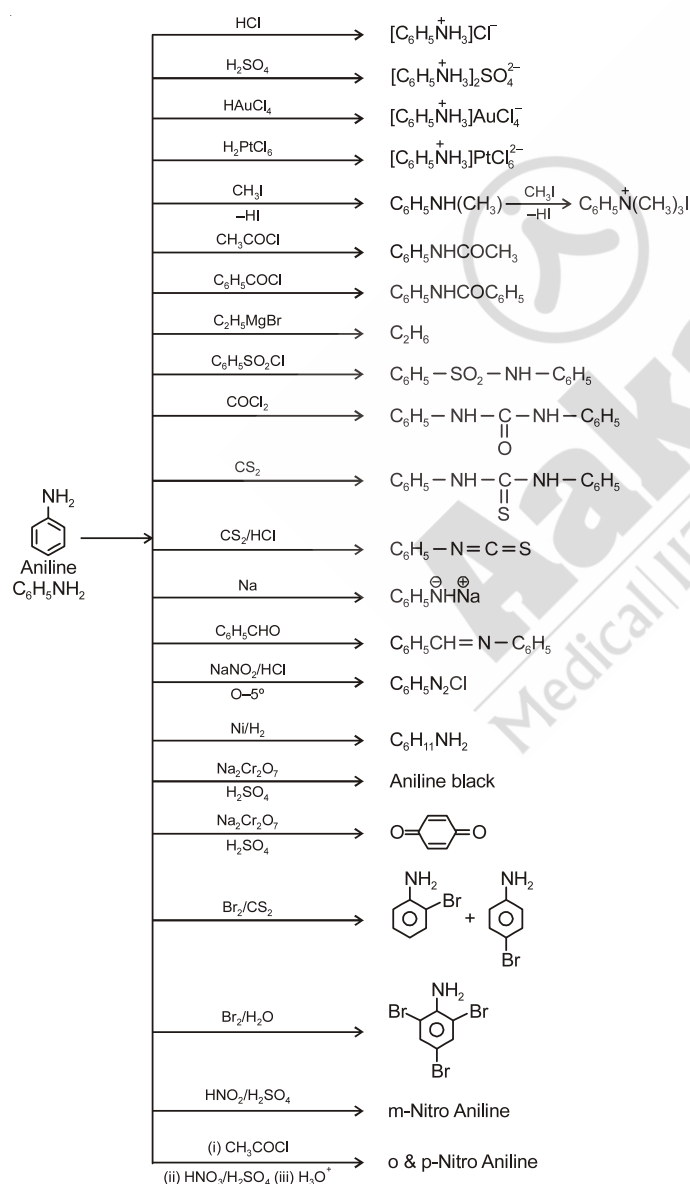
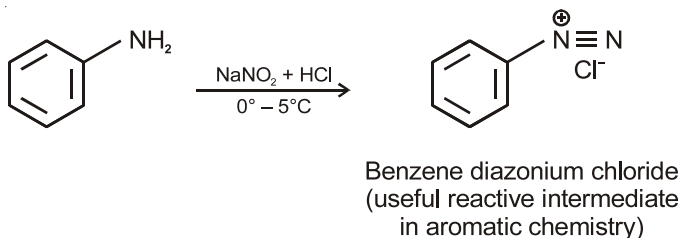


Chapter 15

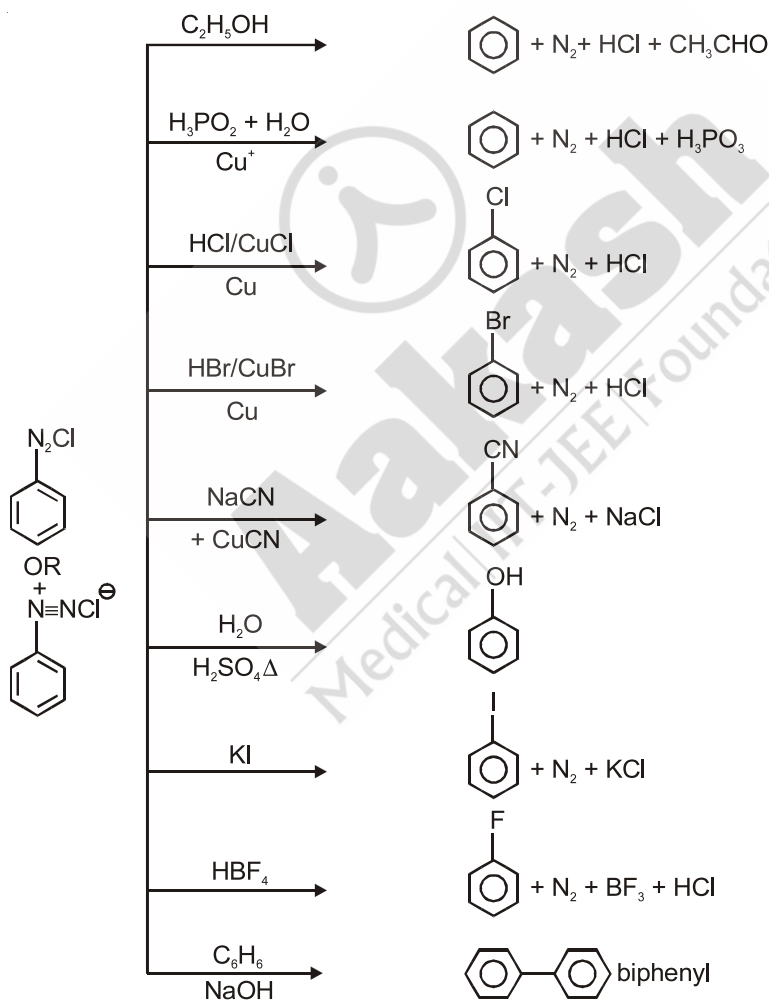
Organic Compounds Containing Nitrogen

CHEMICAL REACTIONS OF ANILINE

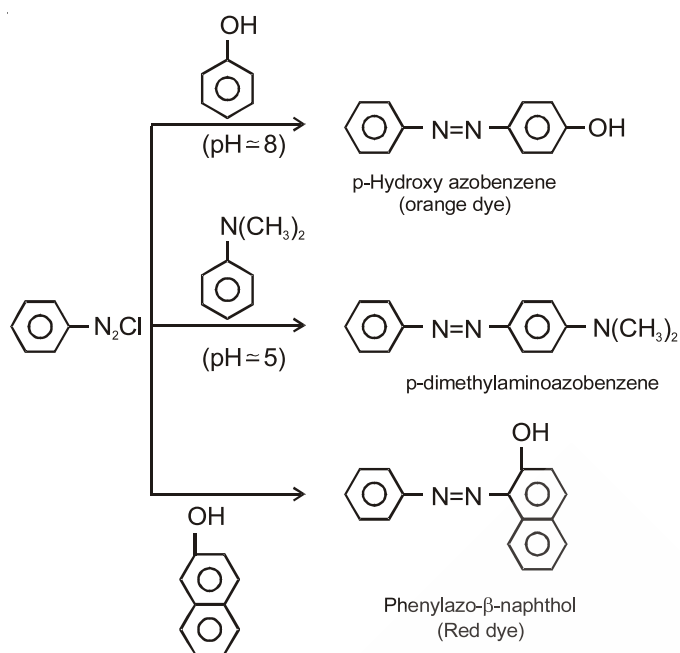


DIAZONIUM SALT**1. Preparation of benzene diazonium chloride****2. Properties of Benzene Diazonium Chloride (B.D.C.)****A. Substitution Reaction :**

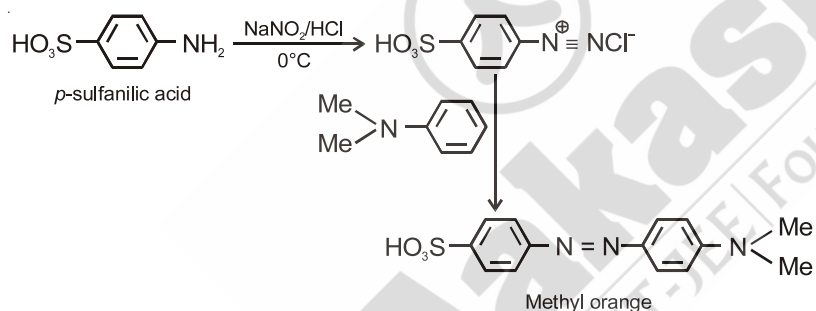
Benzene diazonium chloride is used for preparation of several organic compounds.

**B. Coupling Reaction :**

Coupling of benzene diazonium chloride with phenol takes place in slightly basic medium while that of aniline takes place in slightly acidic medium. These compounds produce Azo dyes with benzene diazonium chloride.



Formation of Methyl Orange



□ □ □