

S.6 ORGANIC CHEMISTRY HOLIDAY WORK APRIL, 2012

1. PHENOLS

Discuss the chemistry of Phenols.

Points to note:

- ✚ General molecular formula
- ✚ General structural formula
- ✚ Functional group
- ✚ Types of Phenols
- ✚ Nomenclature of Phenols
- ✚ Isomerism of Phenols
- ✚ Synthesis of Phenols (Methods of preparing Phenols)
- ✚ Physical properties of Phenols
- ✚ Chemical properties of Phenols

2. CARBONYL COMPOUNDS

Discuss the chemistry of Carbonyl compounds

Points to note:

- ✚ General molecular formula
- ✚ General structural formula
- ✚ Functional group
- ✚ Classes of Carbonyl compounds
- ✚ Nomenclature of Carbonyl compounds
- ✚ Isomerism of Carbonyl compounds
- ✚ Synthesis of Carbonyl compounds (Methods of preparing Carbonyl compounds)
- ✚ Physical properties of Carbonyl compounds
- ✚ Chemical properties of Carbonyl compounds

3. AMINES AND THEIR DERIVATIVES

Discuss the chemistry of Amines and their derivatives

Amines

Points to note:

- ✚ General molecular formula
- ✚ General structural formula
- ✚ Functional group
- ✚ Classes of Amines

- ✚ Nomenclature of Amines
- ✚ Isomerism of Amines
- ✚ Synthesis of Amines(Methods of preparing Amines)
- ✚ Physical properties of Amines
- ✚ Chemical properties of Amines

Derivatives of Amines