

# Department of Chemistry

## Chemistry Lab (CH-207)

*B. Sc. 2nd Year*

### *List of Experiments*

#### Section –C (Organic)

Systematic analysis (Detection of extra element, functional group, detection of melting point or boiling point and preparation of at least one pure solid derivative) of the following simple mono and bifunctional organic compounds :

Naphthalene, Anthracene, Acenaphthene, Benzyl chloride, p- dichlorobenzene, m- dinitrobenzene, p- nitrotoluene, Resorcinol, Hydroquinone,  $\alpha$ - resorcinol, Hydroquinone,  $\alpha$ -naphthol,  $\beta$ -naphthol, Benzophenone, Ethyl methyl ketone, Benzaldehyde, Vanillin, Oxalic acid, Succinic acid, Benzoic acid, Salicylic acid, Aspirin, Phthalic acid, Cinnamic acid, Nenzamide, Urea, Acetanilide, Benzanilide, Anilinehydrochloride, p-toluidine, Phenyl salicylate(Salol), Glucose, Fructose, Sucrose, o-, m-, p-nitroanilines, Thiourea.



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