



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET-05(CLASS-12)

TOPIC- ALKYL AND ARYL HALIDE

SUBTOPIC-PREPARATION OF ARYL HALIDE



SUBJECT - CHEMISTRY

DURATION - 30 mins

F.M. - 15

DATE -07.05.20

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- 1.1 Diazotisation of Aniline is carried out at-
a) 273K-278K b) 271K c) 298K d) 273K-298K
- 1.2 The reacting species during the diazotization of Aniline-
a) NO^+ b) NO_2^- c) NO_2^+ d) NO
- 1.3 Benzene diazonium halide on treatment with H_3PO_2 produces-
a) Benzene b) Phenol c) Chlorobenzene d) Iodobenzene
- 1.4 Benzene diazonium halide on treatment with HBF_4 produces-
a) Iodobenzene b) Fluorobenzene c) Chlorobenzene d) Bromobenzene
- 1.5 Benzene diazonium halide on treatment with KI produces-
a) Iodobenzene b) Fluorobenzene c) Chlorobenzene d) Bromobenzene
- 1.6 Benzene on treatment with Cl_2 in presence of FeCl_3 in dark on complete reaction produces-
a) Hexachlorobenzene b) Benzenehexachloride c) Chloro benzene d) Dichloro benzene
- 1.7 Benzene on treatment with Cl_2 in presence of Ultraviolet rays on complete reaction produces
a) Hexachlorobenzene b) Benzenehexachloride c) Chloro benzene d) Dichloro benzene
- 1.8 $\text{C}_6\text{H}_6\text{Cl}_6$ can also be recognized as-
a) 666 b) 6666 c) 3636 d) 66
- 1.9 C_6Cl_6 can also be recognized as-
a) 666 b) 6666 c) 3636 d) 66
- 1.10 Toluene on treatment with Cl_2 in FeCl_3 under dark condition produces-
a) o-Chloro Toluene b) p-Chloro Toluene c) Both a and b d) None of these
- 1.11 Chlorine present in the benzene ring exerts-
a) -I and -R b) +I and +R c) -I and +R d) +I and -R
- 1.12 Benzyl chloride on treatment with aq. NH_3 produces-
a) Benzyl amine b) Benzaldehyde c) Both a and b d) Benzyl cyanide
- 1.13 Benzyl chloride on treatment with aq. NaCN produces-
a) Benzyl cyanide b) Benzaldehyde c) Benzoic acid d) Benzyl alcohol
- 1.14 Benzal chloride on treatment with aq. NaOH produces-
a) Benzoic acid b) Benzaldehyde c) Both a and b d) Benzyl alcohol
- 1.15 Benzo trichloride on treatment with aq. NaOH produces-
a) Benzoic acid b) Benzaldehyde c) Both a and b d) Benzyl alcohol

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