

Alkyl Halides

Sr	Questions	Answers Choice
1	The general formula of alkyl halides is	A. C _n H _{2n} X B. C _n H _{2n-1} X C. C _n H _{2n-1} X D. C _n H _{2n+1} X D. C _n H _{2n-2} X
2	S _N 1 reaction of alkylhalides leads to	A. Retention of configuration B. Recemisation C. Inversion of configuration D. None of these
3	Which of the following compounds could be prepared by reacting bromoethane with KCN and then reducing the product	A. CH ₃ CH ₃ B. CH ₃ CH ₂ NH ₂ C. CH ₃ CH ₂ CH ₂ NH ₃ NH ₂ NH ₂ NH ₂ NH ₂ NH ₂ D. CH ₃ CH ₃ CH ₃
4	When CO ₂ is made to react with ethyl magnesium iodide, followed by acid hydrolysis, the product formed is	A. Propane B. Propanoic acid C. Propanal D. Propanol
5	Question Image	A. Electrophilic addition B. Electrophilic substitution C. Free radical substitution D. Nuclophilic addition
6	Dehydrohalogenation of alkyl halides produces	A. Alcohol B. Alkane C. Alkene D. Alkyne
7	Ethyl bromide is formed by the reaction of HBr with	A. Ethane B. Ethene C. Ethyne D. Propane
8	Alkyl halides react with lithium dialkyl copper reagents to give	A. Alkenes B. Alkyl copper halides C. Alkanes D. Alkenyl halides
9	Ammonia like water also reacts with Grignard's reagent to give	A. Alkane B. Alkene C. Alkyne D. Amide
10	Best medhod of preparation of alkyl halide from alcohals is by its reaction with:	A. HX B. SOCI ₂ C. Px ₅ and PX ₃ D. All
11	Reaction of ethylamine with chloroform in alcoholic KOH produces	A. CH ₃ OH B. CH ₃ NC C. C ₂ H ₅ NC D. C ₂ H ₅ CN
12	An electrophile may be	A. Positive B. Negative C. Neutral D. Both c and a
13	Question Image	A. Primary alkyl halide B. Secondary alkyl halide C. Tertiary alkyl halide D. None of these
14	With the increase in size of halogen atom the reactivity of an alkyl halide	A. Increases B. Decreases C. Remain constant D. None of these
15	C ₆ H ₆ Cl ₆ can be obtained from	A. HCl and Benzene B. Cl ₂ and Benzene and AlCl ₃ C. Cl ₂ and Benzene in diffused light

		D. NaOCI and Benzene
16	Gammexane is	A. Chlorobenzene B. Benzyl chloride C. Brommobenzene D. Benzene hexachloride
17	Reactivity of alkyl halides with magnisium is of the order:	A. RI > RBr> RCI > RF B. RBr > RCI >RF > RI C. RCL > RF > RI > RBr D. RF >RI >RBr > RII
18	Alkyl halides react with Mg in dry ether to form	A. Magnesium halide B. Grignard's reagent C. Alkene D. Alkyne
19	Reduction of alkyl halides give	A. Alkanes B. Alkenes C. Ketones D. Ether
20	Halogens on treating with silver salts of acids give	A. Alcohol B. Ester C. Phenol D. Alkyl halide