

ECAT Chemistry Chapter 21 Alkyl Halides

Sr	Questions	Answers Choice
1	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
2	Alkyl halides are considered to be very reactive compounds towards nucleophiles because	A. They have an electrophilic carbon B. They have an electrophilic carbon and a good leaving group C. They have an electrophilic carbon and a bad leaving group D. They have a nucleophilic carbon and a good leaving group
3	The rate of E ₁ reaction depends upon	A. The concentration of substrate B. The concentration of nucleophile C. THe concentration of substrate as well as nucleophile D. None of the above
4	Reduction of alkyl halides give	A. Alkanes B. Alkenes C. Ketones D. Ether
5	Elimination bimolecular reactions involve:	A. First order Kinetics B. Third order kinetics C. Zero order kinetics
6	DDT is formed from	A. Benzene and Chlorobenzene B. Chloral and Chlorobenzene C. Chloral and Benzene D. Chlorobenzene and chlorine
7	The rate of E ₁ reaction depends upon:	A. The concentration of substrate B. The concentration of nucleophile C. The concentration of substrate as well as nucleophile D. None of these
8	Which of the followings is not a nulceophile	A. OH ⁻ B. NH ₃ C. C ₂ H ₅ O ⁻ D. Br ₂
9	Question Image	A. Electrophilic addition B. Electrophilic substitution C. Free radical substitution D. Nuclophilic addition
10	When an alcohol reacts with SOCl ₂ an alkyl halide is formed. What are two other products	A. SO ₂ and HCl B. SI ₂ and H ₂ O C. HCl and H ₂ O D. H ₂ S and HCl
11	Which of the following with aqueous KOH will give acetaldehyde?	A. 1, 2-Dichloroethane B. 1,1-Dichloroethane C. Chloracetic acid D. Ethyl chloride
12	Which responds to +ve iodoform test?	A. Butanol-1 B. Butan-1-al C. Butanol-2 D. 2-pentanone
13	Which of the following reacts with chloroform and base to form phenyl isocynaide?	A. Nitrobenzene B. Phenol C. Chlorobenzene D. Aniline
14	Alkvle magnesium halides are known as	A. Simon-smith reagent B. Tollen's reagent

	·y · · ·g	C. Grignard's reagent D. Barford's reagent
15	The reactivity order of alkyl halides for a paricular alkyl group is	A. Fluoride > chloride > bromide > iodide B. Chloride > bromide > fluoride > iodide C. lodide > bromide > chloride > fluoride D. Bromide > iodide > chloride > fluoride
16	Catalyst in the reaction ROH + SOCI ₂ > RCL+SO ₂ +HCl is:	A. ZnCl ₂ B. Pyridine C. H ₂ SO ₄ D. Either
17	For which mechanisms, the first step involved is the same:	A. E ₁ and E ₂ B. E ₂ and SN ₂ C. E ₂ and E ₁ D. E1 and SN ₁
18	Which represents nucleophilic aromatic substitution reaction?	A. Reaction of benzene with CI ₂ in sunlight B. Benzyl bromide hydrolysis with water C. Reaction of NaOH with dintrofluoro benzene D. Sulphonation of benzene
19	When carbon dioxide is passed through the R - Mg - X is produced	A. Any carboxylic acid B. Propanoic acid C. Propanedioic acid D. None of these
20	Gammexane is	A. Chlorobenzene B. Benzyl chloride C. Brommobenzene D. Benzene hexachloride