

ECAT Chemistry Chapter 21 Alkyl Halides

Sr	Questions	Answers Choice
1	Primary carbon attaches with other hydrogen atoms directly:	A. One B. Two C. Three D. At least one or more than it
2	Which of the followings is not a nulceophile	A. OH ⁻ B. NH ₃ C. C ₂ H ₅ O ⁻ D. Br ₂
3	Which of the following with aqueous KOH will give acetaldehyde?	A. 1, 2-Dichloroethane B. 1,1-Dichloroethane C. Chloracetic acid D. Ethyl chloride
4	For the carbylamine reaction we need hot alc.KOH and	A. Any amin and chloroform B. Chloroform and Ag powder C. A primary amine and chloroform D. A mono alkyl amine and trichloromethane
5	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
6	To get DDT, chlorobenzene has to react with one of the following compound in the presence of conc. $\mbox{H}_2\mbox{SO}_4$	A. Trichloroethane B. Dichloroacetone C. Dichloroacetaldehyde D. Trichloroacetealdehyde
7	When chloroform is boiled with NaOH, it gives	A. Formic acid B. Trihydroxymethane C. Acetylene D. Sodium formate
8	Question Image	A. Condensation B. Electrophilic substitution C. Free radical substitution D. Nucleophilic substitution
9	Any other aldehyde except formaldehyde on reaction with Grignard's will produce	A. Secondary alcohol B. Primary alcohol C. Tertiary alcohol D. Aromatic alcohol
10	Grignard reagent is prepared by the reaction of magnesium metal with alkyl halide in the presence of	A. Alcohol B. Water C. Suephuric acid D. Dry ether
11	In primary alkyl halides, the halogen atom is attached to a carbon which attached to how many carbon atoms?	A. Two B. Three C. One D. Four
12	Chlorobenzene on heating with aqueous NH3under pressure in the presence of cuprous chloride gives	A. Benzamide B. Nitrobenzene C. Aniline D. Chloroaminobenzene
13	What is the total number of different chloroethanes, formula $C_2H_{6-n}Cl_n$, where n can be any integer from 1 to 4	A. 4 B. 6 C. 7 D. 8
14	which one of the following is not a nucleophile?	A. H ₂ 0 B. H ₂ 5 C. BF ₃ D. NH ₃

15	The reaction of 4-bromobenzyl chloride with NaCN in ethanol leads to	A. 4-Bromobenzyl cyanide B. 4-Cyanobenzyl chloride C. 4-Cyanobenzyle cyanide D. 4-Bromo 2-cyanobenzyl chloride
16	Which responds to +ve iodoform test?	A. Butanol-1 B. Butan-1-al C. Butanol-2 D. 2-pentanone
17	Which reaction is example of nucleophilic substitution	
18	Carbon atom holding halogen in aryl halides is	A. sp ² -hybridesed B. sp ³ -hybridesed C. sp-hybridesed D. sp ³ d-hybridesed
19	Steps in SN , reactions are:	A. One B. Two C. Three D. Four
20	Allyl chloride on dehydrochlorination gives	A. Propadiene B. Propylene C. Allyl alcohol D. Acetone