

Chemistry Fsc Part 2 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	An alkyl halide may be converted to alcohol by	A. Addition B. Substitution C. Dehydrohalogenation D. Elimination
2	----- is not a nucleophile	A. H_2O B. NO_3^- C. BF_3 D. NH_3
3	Which one of the following alkanes will be formed by the hydrolysis of ethyl magnesium bromide	A. Methane B. Ethane C. Butane D. do not hydrolysed
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	Cyanogen chloride reacts with ethyl magnesium bromide to give	A. CH_3CH_2Cl B. CH_3CH_2Br C. C_4H_{10} D. CH_3CH_2CN
6	SN_2 reactions can be best carried out with	A. Primary alkyl halides B. Secondary alkyl halides C. Tertiary alkyl halides D. All the three
7	For which mechanisms, the first step involved is the same.	A. E_2 and E_2 B. E_2 and SN_2 C. SN_1 and E_2 D. E_1 and SN_1
8	SN_2 mechanism involves	A. 1st order kinetic B. 2nd order kinetic C. 3rd order kinetic D. Zero order kinetic
9	Which one of the following will be required to form ethene from ethyl chloride.	A. Alcoholic KOH B. Aqueous KOH C. Alkaline $KMnO_4$ D. Bromine
10	Which products is not formed when ethyl alcohol reacts with $SOCl_2$ in the presence of pyridine.	A. Ethyl chloride B. Hydrogen chloride C. Sulphur di oxide D. Sulphur tri oxide
11	SN_1 reaction usually occurs in	A. Primary alkyl halides B. Secondary alkyl halides C. Tertiary alkyl halides D. All of these
12	Grignard's reagent is reactive due to	A. the presence of halogen atom B. the presence of Mg atom C. the polarity of C-Mg bond D. none of the above
13	Secondary alkyl halides are those in which halogen atom is attached with a carbon atom which is further attached to.	A. One beta carbon B. Two beta carbon C. Three beta carbon D. Four beta carbon
14	SN_2 reactions can be carried out with	A. Primary alkylhalide B. Secondary alkylhalide C. Tertiary alkylhalide D. All of these

15	Which one of the following products will be formed in Wurtz reaction when sodium metal reacts with ethyl chloride in anhydrous ether.	A. Methane B. Ethane C. Propane D. Butane
16	$\text{S}_{\text{N}}2$ reactions can be best carried out with	A. primary alkyl halides B. secondary alkyl halides C. tertiary alkyl halides D. All the three
17	The most reactive Alkyl halide is	A. Alkyl iodide B. Alkyl Bromide C. Alkyl fluoride D. Alkyl Chloride
18	Grignard reagent is reactive due to	A. The presence of halogen atom B. The presence of Mg atom C. The polarity of C -Mg bond D. None of the above
19	In primary alkyl halides, the halogen atom is attached to a carbon which is further attached to how many carbon atoms.	A. One B. Two C. Three D. Four
20	Which one of the following reactants will be required to form ethyl alcohol from ethyl bromide.	A. Alcoholic KOH B. Aqueous KOH C. Alkaline KMnO_4 D. Sodium metal in ether