

Chemistry Fsc Part 2 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Which substance is used to convert Grignard reagent to alkane.	A. H ₂ O B. NH ₃ C. Ethyl alcohol D. All of these
2	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
3	The reactivity of Grignard's reagent is due to	A. Polarity of Mg-x bond B. Polarity of C-Mg bond C. Electro negativity of halogen atom D. Presence of Mg-atom
4	Which one of the following is not a nucleophile.	A. H ₂ O B. H ₂ S C. BF ₃ D. NH ₃
5	The reaction of alkyl halides with sodium metal in the presence of ether to form alkane is known as.	A. Wurtz reaction B. Frankland reaction C. Sabatier sendron D. Kolbe's synthesis
6	The reacts with halogen acids to form alkyl halide the process is known as.	A. Halogenation B. Hydrohalogenation C. Hydrogenation D. Dehydrohalogenation
7	Elimination biomolecular reactions involve.	A. First order kinetics B. Second order kinetics C. third order kinetics D. Zero order kinetics
8	The general representation for Grignard reagent is.	A. RMgX B. ReMgX C. RXMg D. RMgX ₂
9	----- is not a nucleophile	A. H ₂ O B. NO ₃ ⁻ C. BF ₃ D. NH ₃
10	Acetic acid can be obtained from CH ₃ MgI by treatment with.	A. H ₂ O B. ClNH ₂ C. CO ₂ D. HCHO
11	Which compound is formed, when CH ₃ OH react with CH ₃ - Mg -Br	A. Ethane B. Methane C. Ethanol D. Acetone
12	SN1 reaction usually occurs in	A. Primary alkyl halides B. Secondary alkyl halides C. Tertiary alkyl halides D. All of these
13	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
14	Which substance is used to convert alcohol to alkyl halide.	A. SOCl ₂ B. PCl ₃ C. HCl + ZnCl ₂ D. All of these
15	The reactivity order of alkyl halides for a particular alkyl group is	A. Fluoride > Chloride > Bromide > Iodide B. Chloride > Bromide > Fluoride > Iodide C. Iodide > Bromide > Chloride > Fluoride D. Bromide > Chloride > Iodide > Fluoride

		C. Bromide > Iodide > chloride > Fluoride D. Iodide > Bromide > Chloride > Fluoride
16	In primary alkyl halides, the halogen atom is attached to a carbon which is further attached to how many carbon atoms	A. Two B. Three C. One D. Four
17	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
18	For ----- Mechanism, the first step involved is the same	A. E1 and E2 B. E2 and S_N2 C. S_N1 and S_N2 D. E1 and S_N1
19	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
20	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