

Chemistry Fsc Part 2 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	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
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	Elimination Bimolecular reactions involve	A. Second order kinetics B. First order kinetics C. Third order kinetics D. Zero order kinetics
4	Which one of the following alcohols will be formed when ethyl magnesium bromide reacts with acetone.	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. Dehydrin alcohol
5	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
6	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
7	For which mechanisms, the first step involved is the same.	A. E ₂ and E ₂ B. E ₂ and S _N 2 C. S _N 1 and E ₂ D. E ₁ and S _N 1
8	The reactivity order of alkyl halides for a particular alkyl group is.	A. Fluoride > Chloride > Bromide > Iodide B. Chloride > Bromide > Chloride > Fluoride C. Iodide > Bromide > Chloride > Fluoride D. Bromide > Iodide > Chloride > Fluoride
9	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
10	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
11	Which one of the following molecules does not form alcohol when reacts with a Grignard reagent.	A. Formaldehyde B. Acetaldehyde C. Propanone D. CO ₂
12	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
13	Which substance is used to convert alcohol to alkyl halide.	A. SOCl ₂ B. PCl ₃ C. HCl + ZnCl ₂ D. All of these
14	Which one of the following is not a nucleophile.	A. H ₂ O B. H ₂ S C. BF ₃ D. NH ₃

15	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
16	Which one of the following species is a nucleophile	A. CH ₃ B. (CH ₃) ₂ C C. BF ₃ D. OH ⁻
17	S _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
18	For which mechanisms, the first step involved is the same	A. E ₁ and E ₂ B. E ₂ and S _N 2 C. E ₁ and E ₂ D. E ₁ and S _N 2
19	For ----- Mechanism, the first step involved is the same	A. E ₁ and E ₂ B. E ₂ and S _N 2 C. S _N 1 and S _N 2 D. E ₁ and S _N 1
20	What products is formed when ethyl bromide reacts with magnesium to form Grignard's reagent.	A. Pyridine B. Anhydrous ether C. Ethyl alcohol D. Carbon tetrachloride