

Chemistry Fsc Part 2 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Which one of the following species is not an electrophile.	A. HN3 B. Br C. H+ D. BF3
2	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
3	Cyanogen chloride reacts with ethyl magnesium bromide to give	A. CH ₃ CH ₂ CI B. CH ₃ CH ₂ Br C. C ₄ H ₁₀ ⁺ D. CH ₃ CH ₂ CN
4	SN2 mechanism involves	A. 1st order kinetic B. 2nd order kinetic C. 3rd order kinetic D. Zero order kinetic
5	For which mechanisms, the first step involved is the same.	A. E2 and E2 B. E2 and SN2 C. SN1 and E2 D. E1 and SN1
6	For Mechanism, the first step involved is the same	A. E1 and E2 B. E2 and S _N 2 C. S _N 1 and S _N 2 D. E1 and S _N 1
7	When CO2 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
8	Which substance is used to convert Grignard reagent to alkane.	A. H2O B. NH3 C. Ethyl alcohol D. All of these
9	The reactivity order of alkyl halides for a particular alkyl group is	A. Fluoride > Chloride > Bromide > iodide B. Chloride > Bromide > Fluoride > iodide C. Bromide > iodide > chloride > Fluoride D. lodide > Bromide > Chloride > Fluoride
10	The reaction of alkyl halides with sodium metal in the presence of ether to from alkane is known as.	A. Wortz reaction B. Frankland reaction C. Sabatier sendron D. Kolbe's synthesis
11	S _N 2 mechanism involves	A. 1st order kinetics B. 2nd order kinetics C. 3rd kinetics D. zero order kinetics
12	In unimolecular reactions, the reaction completes in	A. _{One step} B. Two steps C. Three steps D. None of these
13	Alkyl halides are considered to be very reactive compounds towards nucleophile 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 bed leaving group D. They have a nucleophilic carbon

		and a good leaving group
14	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
15	The reacts with halogen acids to form alkyl halide the process is known as.	A. Halogenation B. Hydrohalogenation C. Hydrogenation D. Dehydrohalogenation
16	The reactivity order of alkyl halides for a particular alkyl group is.	A. Fluoride > Chloride > Bromide > lodide B. Chloride > Bromide > Chloride > Fluoride C. lodide > Bromide > Chloride > Fluoride D. Bromide > lodide > Chloride > Fluoride
17	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
18	Which one of the following molecules does not form alcohol when reacts with a Grignard reagent.	A. Formaldehyde B. Acetaldehyde C. Propanone D. CO2
19	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
20	SN2 reactions can be best carried out with	A. Primary alkyl halides B. Secondary alkyl halides C. Tertiary alkyl halides D. All the three