

Chemistry Fsc Part 2 Chapter 10 Online Test

Sr	Questions	Answers Choice
1	SN2 mechanism involves	A. 1st order kinetic B. 2nd order kinetic C. 3rd order kinetic D. Zero order kinetic
2	Which one of the following molecules does not form alcohol when reacts with a Grignard reagent.	A. Formaldehyde B. Acetaldehyde C. Propanone D. CO2
3	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
4	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
5	Which substance is used to convert alcohol to alkyl halide.	A. SOCI2 B. PCI3 C. HCI +ZnCI2 D. All of these
6	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
7	S _N 2 mechanism involves	A. 1st order kinetics B. 2nd order kinetics C. 3rd kinetics D. zero order kinetics
8	For which mechanisms, the first step involved is the same	A. E ₁ and E ₂ B. E ₂ and SN ₂ C. E ₁ and E ₂ D. E ₁ and SN ₁ and E ₂
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	Elimination Bimolecular reactions involve	A. Second order kinetics B. First order kinetics C. Third order kinetics D. Zero order kinetics
11	In unimolecular reactions, the reaction completes in	A. _{One step} B. Two steps C. Three steps D. None of these
12	Which one of the following species is not an electrophile.	A. HN3 B. Br C. H+ D. BF3
13	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
14	The general representation for Grignard reagent is.	A. RMgX B. ReMgX

		D. KMgX2
15	Which one of the following reactants will be required to form ethyl alcohol form ethyl bromide.	A. Alcoholic KOH B. Aqueous KOH C. Alkaline KMnO4 D. Sodium metal in ether
16	SN1 reaction usually occurs in	A. Primary alkyl halides B. Secondary alkyl halides C. Tertiary alkyl halides D. All of these
17	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
18	The reactivity of Grignard's regent is due to	A. Polarity of Mg-x bond B. Polarity of C-Mg bond C. Electro negativity of halogen ator D. Presence of Mg-atom
19	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
20	The most reactive Alkyl halide is	A. Alkyl lodide B. Alkyl Bromide C. Alkyl fluoride D. Alkyl Chloride