

Chemistry Fsc Part 2 Chapter 10 Online Test

| Sr | Questions | Answers Choice |
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| 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 from alkane is known as. | A. Wörtz 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 ₂ 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. CINH ₂ C. CO ₂ D. HCHO |
| 11 | Which compound is formed, when CH ₃ OH reach 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 > D. Chloride > Bromide > |

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| | | 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 |