

Chemistry Fsc Part 2 Chapter 12 Online Test

| Sr | Questions | Answers Choice |
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| 1 | Acetaldehyde can be prepared by the oxidation of. | A. Acetic acid B. Ethanol C. 1- Propanol D. Ethanonic acid |
| 2 | All of the following tests are used to identify aldehydes except. | A. Tollen's test B. Fehling test C. Baeyer's test D. Benedict test |
| 3 | Oxime is an addition product obtained when aldehydes react with. | A. HCN B. NH_2OH C. Phenyl hydrazine D. H_2O |
| 4 | Which one of the following compounds undergoes Cannizzaro's Reaction. | A. Acetaldehyde B. Benzaldehyde C. Acetone D. Propionaldehyde |
| 5 | Which one of the following compound does not react with NaOH and I ₂ and also does not form Iodoform. | A. $\text{C}_2\text{H}_5\text{OH}$ B. CH_3CHO C. $\text{CH}_3\text{-CO-CH}_3$ D. $\text{C}_2\text{H}_5\text{-O-C}_2\text{H}_5$ |
| 6 | An aldehyde compound can be reduced to alkane by | A. Wurtz reaction B. Grignard reaction C. Wolf Kishner reaction D. Kolbe's reaction |
| 7 | Acetaldehyde react, with Grignard reagent to form | A. Primary alcohol B. Secondary alcohol C. Ter alcohol D. Carboxylic acids |
| 8 | Paraldehyde is used as a | A. Medicine B. Poison C. Polymer D. Dye |
| 9 | The carbon atom of a carbonyl group is | A. sp hybridized B. sp^2 hybridized C. sp^3 hybridized D. none of these |
| 10 | Any of the following tests are used to identify aldehydes except. | A. Tollen's test B. Fehling test C. Baeyer's test D. Benedict test |
| 11 | Cannizzaro's reaction is given by | A. Acetaldehyde B. Formaldehyde C. Propanal D. Propanone |
| 12 | Acetone reacts with HCN to form cyanohydrin it is an example of | A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution |
| 13 | Silver mirror test is given by | A. Ethers B. Ketones C. Acids D. Aldehydes |
| 14 | Aldehydes and ketones can be detected by | A. 2, 4 DNP test B. Tollen's test C. Sodium Nitro prusside test D. Benedicts solution test |
| 15 | Which of the following will have the highest boiling point. | A. Methanal B. Ethanal C. Propanal D. 2-Hexanone |

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| 16 | Which of the following reagents will reacts with both aldehydes and ketones. | <p>A. Grignard reagent</p> <p>B. Tollens's reagent</p> <p>C. Fehling's reagent</p> <p>D. Benedict 's reagent</p> |
| 17 | Which is most difficult to be oxidized | <p>A. CH_3CHO</p> <p>B. CH_3COCH_3</p> <p>C. HCHO</p> <p>D. $\text{C}_2\text{H}_5\text{CHO}$</p> |
| 18 | Acetaldehyde undergoes, aldol condensation in the presence of. | <p>A. dil HNO_3</p> <p>B. Dil NaOH</p> <p>C. dil HCl</p> <p>D. Conc. H_2SO_4</p> |
| 19 | Cannizzaro's reaction is not given by | <p>A. Formaldehyde</p> <p>B. Acetaldehyde</p> <p>C. Benzaldehyde</p> <p>D. Triethylacetaldehyde</p> |
| 20 | Which substance is used for silvering of mirror. | <p>A. Acetaldehyde</p> <p>B. Ethanol</p> <p>C. Ethylene glycol</p> <p>D. Acetone</p> |