

Chemistry Fsc Part 2 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	Predict the product or reaction. Acetaldehyde + NaOH	A. An aldol B. Acetic acid C. Ethanol D. Paraldehyde
2	The carbon atom of a carbonyl group is	A. sp hybridized B. sp^2 hybridized C. sp^3 hybridized D. none of these
3	Which reagent will react with both aldehyde and ketones	A. Grignard reagent B. Tollen's reagent C. Fehling's reagent D. Benedict's reagent
4	Acetone reacts with HCN to form cyanohydrin it is an example of	A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution
5	On heating aldehydes with Fehling's solution we get a precipitate whose colour is	A. Pink B. Black C. Yellow D. Brick red
6	What product is formed by the dry distillation of calcium acetate.	A. CH_3CH_2COOH B. CH_3COOH C. CH_3COCH_3 D. CH_3CH_2CHO
7	Cannizzaro's reaction is not given by	A. Formaldehyde B. Acetaldehyde C. Benzaldehyde D. Triethylacetaldehyde
8	Which of the following will have the highest boiling point.	A. Methanal B. Ethanal C. Propanal D. 2-Hexanone
9	Silver mirror test is given by	A. Ethers B. Ketones C. Acids D. Aldehydes
10	All of the followings react with Fehling solution except	A. CH_2CH_2CHO B. $CH_3-CH_2COCH_3$ C. HCHO D. CH_3-CHO
11	Structure of carbonyl is	A. Tetrahedral B. Linear C. Octahederal D. Trigonal planar
12	A snake was preserved in a solution and was placed in biology laboratory. The solution is.	A. De ionized water B. Fehling solution C. Formalin D. Chloroform
13	Which can produce ketone	A. Sec alcohol B. Calcium acetate C. Propyne D. All of these
14	Industrially ethanal is prepared by air oxidation of.	A. Ethane B. Ethene C. Ethyne D. Acetic acid
15	Which reaction is disproportionate reaction	A. Aldol Condensation B. Cannizzaros's reaction C. Haloform reactions D. Acid-catalyzed reactions

16	To product aldehyde group against alkaline oxidizing agent.	A. It is reduced in the presence of catalyst B. An acetal is formed C. It is oxidized D. It is treated with aqueous NaBH ₄
17	Acetone reacts with HCN to form a cyanohydrin. It is an example of.	A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution
18	Which of the following compounds will not give iodoform test on treatment with I ₂ /NaOH	A. Acetaldehyde B. Acetone C. Butanone D. 3-Pentaneone
19	When benzaldehyde is converted to benzyl alcohol by reading with NaOH the reaction is known as.	A. Cannizzaro reaction B. Wurtz reaction C. Wol;ficisthner reaction D. Aldol reaction
20	Air of the following tests are used to identify aldehydes except.	A. Tollen's test B. Fehling test C. Baeyer's test D. Benedict test