

Chemistry Fsc Part 2 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	Which reaction is disproportionate reaction	A. Aldol Condensation B. Cannizzaro's reaction C. Haloform reactions D. Acid-catalyzed reactions
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	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
4	Cannizzaro's reaction is not given by	A. Formaldehyde B. Acetaldehyde C. Benzaldehyde D. Triethylacetaldehyde
5	When benzaldehyde is converted to benzyl alcohol by reacting with NaOH the reaction is known as.	A. Cannizzaro reaction B. Wurtz reaction C. Wolff-Kishner reaction D. Aldol reaction
6	Which one has yellow or orange crystalline ppt	A. Acetone hydrazone B. 2, 4 DNP C. Ethanal oxime D. Bisulphite addition product
7	Structure of carbonyl is	A. Tetrahedral B. Linear C. Octahedral D. Trigonal planar
8	Which one is symmetrical ketone	A. Acetone B. Methyl ethyl ketone C. Methyl n propyl ketone D. 2-pentanone
9	Which substance is used for silvering of mirror.	A. Acetaldehyde B. Ethanol C. Ethylene glycol D. Acetone
10	Which substance usually undergo nucleophilic addition reactions.	A. Benzenes B. Aldehydes C. Alkenes D. All of these
11	Predict the product or reaction. Acetaldehyde + NaOH	A. An aldol B. Acetic acid C. Ethanol D. Paraldehyde
12	Which one of the following compounds is not derivative of NH_3 .	A. Aniline B. Hydrazine C. Phenyl hydrazine D. Picric acid
13	An aldehyde compound can be reduced to alkane by	A. Wurtz reaction B. Grignard reaction C. Wolf Kishner reaction D. Kolbe's reaction
14	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
15	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

16	Which of the following has highest boiling point	A. Methanal B. Ethanal C. Propanal D. 2-hexanone
17	Formalin is a 40% solution of	A. CH_3CHO B. CH_3OH C. HCHO D. CH_3OCH_3
18	Which substance reacts with sodium nitroprusside.	A. Ethanol B. Acetaldehyde C. Dimethyl ketone D. Methanol
19	Which is most difficult to be oxidized	A. CH_3CHO B. CH_3COCH_3 C. HCHO D. $\text{C}_2\text{H}_5\text{CHO}$
20	Ketones are prepared by the oxidation of.	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. None of these
21	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
22	A cyanohydrin is formed by the reaction of	A. Alcohol and HCN B. Ketone and NH_3 C. Aldehyde and NH_2OH D. Aldehyde and HCN
23	Which of the following reagents will reacts with both aldehydes and ketones.	A. Grignard reagent B. Tollens's reagent C. Fehling's reagent D. Benedict 's reagent
24	Oxime is an addition product obtained when aldehydes react with.	A. HCN B. NH_2OH C. Phenyl hydrazine D. H_2O
25	Acetaldehyde undergoes, aldol condensation in the presence of.	A. dil HNO_3 B. Dil NaOH C. dil HCl D. Conc. H_2SO_4
26	Paraldehyde is polymer of.	A. HCHO B. CH_3CHO C. CH_3COCH_3 D. $\text{CH}_3\text{CH}_2\text{-CH}_2\text{OH}$
27	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
28	Which of the following compounds will not give iodoform test on treatment with I_2/NaOH	A. Acetaldehyde B. Acetone C. Butanone D. 3-Pentanone
29	Common names of aldehydes are derived from the common names of.	A. Alcohol B. Ketones C. Carboxylic acids D. Alkenes
30	Formation of cyanohydrin from an aldehyde in an example of.	A. Nucleophilic substitution B. Nucleophilic addition C. Electrophilic addition D. Electrophilic substitution
31	Aldehyde react with hydroxyl amine in acidic solution to give	A. An oxime B. Aldol C. Polymer D. Acetic acid
32	Paraldehyde is used as a	A. Medicine B. Poison C. Polymer D. Dye

33	when aldehydes react with Tollen's reagent.	A. A ketone is produced B. An alcohol is produced C. Ag ions are produced D. Ag ions are reduced
34	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
35	Which reaction is disproportionate reaction	A. Aldol Condensation B. Cannizzaro's reaction C. Haloform reactions D. Acid Catalyzed reactions
36	Acetone reacts with HCN to form cyanohydrin it is an example of	A. Electrophilic addition B. Electrophilic substitution C. Nucleophilic addition D. Nucleophilic substitution
37	Acetaldehyde reacts usually with	A. Electrophiles only B. Nucleophiles only C. Electrophiles and nucleophiles D. Free radicals only
38	Acetaldehyde react, with Grignard reagent to form	A. Primary alcohol B. Secondary alcohol C. Ter alcohol D. Carboxylic acids
39	Which one of the following compound does not react with NaOH and I ₂ and also does not form Iodoform.	A. C ₂ H ₅ OH B. CH ₃ CHO C. CH ₃ -CO-CH ₃ D. C ₂ H ₅ -O-C ₂ H ₅
40	Aldehydes and ketones can be detected by	A. 2, 4 DNPH test B. Tollen's test C. Sodium Nitro prusside test D. Benedicts solution test
41	Industrially ethanal is prepared by air oxidation of.	A. Ethane B. Ethene C. Ethyne D. Acetic acid
42	Which reagent will react with both aldehyde and ketones	A. Grignard reagent B. Tollen's reagent C. Fehling's reagent D. Benedict's reagent
43	Formalin is	A. 10% solution of formaldehyde in water B. 20% solution of formaldehyde in water C. 40% solution of formaldehyde in water D. 60% solution of formaldehyde in water
44	The carbon atom of carbonyl group is hybridized	A. Sp B. Sp ² C. Sp ³ D. dsp ²
45	Which of the following compounds will not give Iodoform test on treatment with I ₂ / NaOH	A. Acetaldehyde B. Acetone C. Butanone D. 3-Pentanone
46	Silver mirror test is given by	A. Ethers B. Ketones C. Acids D. Aldehydes
47	Acetaldehyde can be prepared by the oxidation of.	A. Acetic acid B. Ethanol C. 1- Propanol D. Ethanonic acid
48	Cannizzaro's reaction is given by	A. Acetaldehyde B. Formaldehyde C. Propanal D. Propanone
49	All of the followings react with Fehling solution except	A. CH ₂ CH ₂ CHO B. CH ₃ -CH ₂ COCH ₃ C. HCHO D. CH ₃ -CHO

50	On heating aldehydes with Fehling's solution we get a precipitate whose colour is	A. Pink B. Black C. Yellow D. Brick red
51	Which can produce ketone	A. Sec alcohol B. Calcium acetate C. Propyne D. All of these
52	Which one of the following compounds undergoes Cannizzaro's Reaction.	A. Acetaldehyde B. Benzaldehyde C. Acetone D. Propionaldehyde
53	Which of the following will have the highest boiling point.	A. Methanal B. Ethanal C. Propanal D. 2-Hexanone