

ECAT Chemistry Chapter 23 Aldehydes and Ketones

Sr	Questions	Answers Choice
1	Aldehydes can be distinguished from ketones by	A. 2,4-DNPH test B. NaHSO_3 test C. N_2H_4 test D. Tollen's test
2	Hydroxyl amine is a derivative of::	A. Alcohol B. Aldehyde C. Ammonia D. Ketone
3	Aldehydes are produce in atmosphere by	A. Oxidation of secondary alcohols B. Reduction of alkenes C. Reaction of oxygen atoms with hydrocarbons D. Reaction of oxygen atoms with ozone
4	When vapours of isopropyl alcohol are passed over heated copper, the major product obtained is	A. Propane B. Propylene C. Acetaldehyde D. Acetone
5	Formula of acetone is:	A. HCHO B. CH_3CHO C. CH_3COCH_3 D. $\text{CH}_3\text{COCH}_2\text{H}_5$
6	Question Image	A. With H_2/Ni $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ B. With H_2/Ni $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ C. With NaBH_4 $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$ D. With NaBH_4 $\text{CH}_3\text{CH}_2\text{CH}_2\text{CHO}$
7	Aldehydes are the oxidation product of	A. P-alcohols B. s-alcohols C. ter-alcohols D. carboxylic acids
8	Question Image	A. 2-chlorobutanal B. alfa-chlorobutanal C. 2-chlorobutyraldehyde D. alfa- chlorobutyraldehyde
9	Which of the following reagent will react with both aldehyde and ketones?	A. Grinard's reagent B. Tollen's reagent C. Fehling's reagent D. Benedict's reagent
10	Reduction with aluminium isopropoxide in excess of Isopropyl alcohol is called Meerwein Ponndroff-Verley reduction (MPV). What will be the final product when cyclohex-2-enone is selectively reduces in MPV reaction?	A. Cyclohexanol B. Cyclohex-2-enol C. Cyclohexanone D. Benzene
11	Ketons are prepared by the oxidation of	A. Primary alcohol B. Secondary alcohol C. Tertiary alcohol D. None of these
12	The homologous series of aldehydes and ketones have general formula:	A. $\text{C}_n\text{H}_{2n}\text{O}$ B. $\text{C}_n\text{H}_{2n+2}\text{O}$ C. $\text{C}_n\text{H}_{2n+2}\text{O}$ D. $\text{C}_n\text{H}_{2n}\text{O}$
13	Question Image	A. $\text{Br}_2(\text{aq})$ B. 2, 4-dinitrophenylhydrazine C. NaBH_4 D. Tollen's reagent
14	What is formed when propanone is refluxed with an anhydrous solution of NaBH_4	A. Propanal B. Propan-1-ol C. Propan-2-ol D. -

D. Propane

15	The color of ppts formed by Benedirct's test is	A. Brick red B. Wine red C. Yellow D. Orange
16	Which reaction yields Bakelite?	A. Urea with HCHO B. Tetramethyl glycol with Hezamethylene diisocyanate C. Phenol and HCHO D. Ethylene glycol and Dimethylterephthalate
17	Aldehydes give reactions :	A. Oxidation and reduction B. Base-catalysed nucleophilic C. Acid catalysed nucleophilic D. All of these
18	The base used in Cannizzaro's reaction is	A. NaOH B. KOH C. CHI_3 D. All of these
19	Chromic acid used to oxidize	A. Aldehyde B. Ketone C. Both a and b D. None of these
20	Aldehydes are reduced to :	A. Pri-alcohol B. Sec-alcohol C. Ter-alcohol D. All of these