

Aldehydes and Ketons

Sr	Questions	Answers Choice
1	Dehydration of allcohol gives:	A. Alkane B. Alkene C. Aldehyde D. ketone
2	In Tolten's best, the end product is formed	A. White ppts B. Red ppts C. Yellow ppts D. Silver mirror
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	Wacker method involves the conversion of alkene using PdCl ₂ into corresponding	A. Alcohol B. Ketone C. Aldehyde D. Ether
5	Which reaction is of condensation or addition elimination reaction?	A. Ketol B. Aldol C. Cannizzaro D. All of these
6	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
7	Reduction of aldehydes with HI and P gives	A. Primary alcohols B. Secondary alcohols C. Alkanes D. Tertiary alcohols
8	Cannizzaro's reaction is type of reaction:	A. Self oxidation-reduction reaction B. Disproportion reaction C. Addition D. A and B
9	In which reaction, aromatic aldehyde is treated with acid anhydride in the presence of corresponding salt of the acid to give unsaturated aromatic acid?	A. Friedel-Crafts reaction B. Perkin's reaction C. Wurtz reaction D. None of these
10	When vapours of isopropyl alcohol are passed over heated copper, the major product obtained is	A. Propane B. Propylene C. Acetaldehyde D. Acetone
11	Which of the following does not react with phenyl hydrazine?	A. Ethanol B. Ethanal C. Acetone D. Acetophenone
12	Acetaldehyde is used to make	A. Rubbber B. Antiseptics C. Phenolic resin D. All of these
13	Chromic acid used to oxidize	A. Aldehyde B. Ketone C. Both a and b D. None of these
14	Reductive ozonolysis of benzene produces	A. Acetone B. Maleic anhydride C. Phthalic acid D. Glyoxal
		A. Primary alcohol

		D. All of these
16	Propyne on hydrolysis in presence of H ₂ SO ₄ and HgSO ₄ gives	A. Acetaldehyde B. Acetone C. Formaldehyde D. None
17	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
18	Ethanal may be converted into a three-carbon acid in a two-step process. Which compound is the intermediate	A. CH ₃ CO ₂ H B. CH ₃ CN C. CH ₃ CH ₂ CN D. CH ₃ CH(OH)CN
19	Which of the following reagents is used to distinguish acetone and acetophenone	A. NaHSO ₃ B. Grinard reagent C. Na ₂ SO ₄ D. NH ₄ Cl
20	The color of ppts formed by Benedirct's test is	A. Brick red B. Wine red C. Yellow D. Orange