

## MDCAT Chemistry Chapter 17 Aldehydes and Ketones Online Test

Sr	Questions	Answers Choice
1	Which compound is not formed as a result of reaction between acetic acid & HI & red phosphorous	A. Ethanol B. Water C. Iodine D. Ethane
2	The highest melting point is observed by	A. Butanoic acid B. Propanoic acid C. Pentanoic acid D. HCl
3	All are dicarboxylic acids except	A. Oxalic acid B. Malonic acid C. Picric acid D. Tartaric acid
4	Ethanoic acid reacts with all of these to produce water except	A. Ethanol B. Sodium C. Caustic soda D. Sodium hydrogen carbonate
5	The formation of acetic anhydride from acetic acid follows the mechanism	A. SN B. AN C. SE D. AE
6	Valeric acid is obtained from a herb valerian, its IUPAC name is	A. Propionic acid B. Pentanoic acid C. Butyric acid D. Caproic acid
7	Final product of hydrolysis of nitrile is	A. Ketone B. Alcohol C. Aldehyde D. Carboxylic acid
8	The Complete oxidation of ethanol produces first Ethanal than	A. Ethanal B. Propanone C. Ethanoic acid D. Benzoic acid
9	Which of the following acid is unsaturated carboxylic acid	A. Malonic acid B. Oxalic acid C. Succinic acid D. Maleic acid
10	In esterification, the OH of carboxylic acid is replaced by	A. OR+ B. R+ C. OR D. R
11	Which one of the following reaction of carboxylic acid is reversible?	A. Esterification B. Salt formation C. Reaction with $PCl_5$ D. Reaction with $SOCl_2$
12	Octyl acetate has the flavor of	A. Orange B. Pineapple C. Banana D. Apple
13	Primary alcohols normally give us aldehyde when oxidized in the presence of acidified $Na_2Cr_2O_7$ , what will be the product, when the secondary alcohols are oxidized in same condition?	A. Alkenes B. Alkyl halide C. Alkynes D. Ketones
14	Molar mass of formic acid in benzene comes out to be	A. 64 B. 46 C. 32 D. 92
15	Which of the following is a strong acid	A. $CH_3COOH$ B. $C_2H_5OH$ C. $HCOOH$ D. Phenol

16	Propanoic acid is functional group isomer of	A. Methyl acetate B. Ethyl acetate C. Propanal D. Propanone
17	In the presence of hot alkaline potassium permanganate solution 2-butene will give	A. Formic acid +acetic acid B. Two moles ethanoic acid C. Two moles of methanoic acid D. Ethylene glycol
18	The formation of ester from acetic acid in presence of acid and ethanol is a	A. Nucleophilic substitution reaction B. Nucleophilic addition reaction C. Electrophilic substitution reaction D. Electrophilic addition reaction
19	Which one of the following will react with both ethanoic acid and ethanoic acid at room temperature	A. $\text{CaCO}_3$ B. $\text{CuO}$ C. Na-metal D. $\text{CH}_3\text{OH}$
20	In the esterification, first attack is due to carbonyl carbon	A. Hydrogen ion B. Alcohols C. Water D. All