

MDCAT Chemistry Chapter 17 Aldehydes and Ketones Online Test

Sr	Questions	Answers Choice
1	The derivatives that cannot be prepared directly from the acetic acid	A. Acetamide B. Acetic anhydride C. Ethyl acetate D. Ester
2	The Complete oxidation of ethanol produces first Ethanal than	A. Ethanal B. Propanone C. Ethanoic acid D. Benzoic acid
3	One of the following compound reacts with its own oxidation product (an oxidation involves no loss of carbon) to give sweet odour liquid	A. Propanal B. Propanone C. 1-propanol D. Propanoic acid
4	Which of the following acid is unsaturated carboxylic acid	A. Malonic acid B. Oxalic acid C. Succinic acid D. Maleic acid
5	The highest melting point is observed by	A. Butanoic acid B. Propanoic acid C. Pentanoic acid D. HCl
6	An acid that exists as a cyclic dimer in benzene and shows a molar mass of 120g/mol is	A. CH ₃ COOH B. HCOOH C. Cl ₂ CHCOOH D. Cl ₃ CCOOH
7	Slight oxidation of primary alcohol gives	A. Ketone B. Aldehyde C. -Organic acid D. An ester
8	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
9	Ethyl butyrate has flavour like	A. Banans B. Jasmine C. Pineapple D. Orange
10	When ethyl magnesium bromide is treated with carbon dioxide and the product hydrolyzed we get	A. formic acid B. propionic acid C. oxalic acid D. acetic acid
11	Ethanoic acid reacts with PCl ₅ , to give ethanoyl chloride, HCl and a third compound What is the third compound	A. H ₃ PO ₃ , B. POCl ₃ C. SO ₂ D. COCl ₂
12	Which compound shows the highest melting point	A. water B. Propanoic acid C. Methanoic acid D. Ethanoic acid
13	Compound X & Y give effervescence with Na ₂ CO ₃ solution. X gives a white ppt with ammoniacal AgNO ₃ while Y gives sweet smell compound on heating with alcohol X & Y are	A. Formic acid & acetic acid B. Acetone & formic acid C. Acetaldehyde & acetic acid D. Acetic acid & acetone
14	Formamide is formed by the reaction of which acid with ammonia	A. Oxalic acid B. Formic acid C. Ethanoic acid D. Propanoic acid
15	Primary alcohols normally give us aldehyde when oxidized in the presence of acidified Na ₂ Cr ₂ O ₇ , what will be the product, when the secondary alcohols are oxidized in same condition?	A. Alkenes B. Alkyl halide C. Alkynes D. Ketones

16	All are dicarboxylic acids except	A. Oxalic acid B. Malonic acid C. Picric acid D. Tartaric acid
17	Carboxylic acid is more acidic than phenol because of the greater stability of	A. Carboxylic acid B. Phenoxide ion C. proton D. Carboxylate ion
18	In esterification, the OH of carboxylic acid is replaced by	A. OR+ B. R+ C. OR D. R
19	Which of the following has the lowest solubility in water	A. HCOOH B. CH ₃ COOH C. CH ₃ -CH ₂ -COOH D. C ₃ H ₇ -COOH
20	Esters have fruity smell and are used as artificial flavours. Amyl acetate gives flavour of	A. Banana B. Jasmine C. Pineapple D. Orange