

MDCAT Chemistry Chapter 17 Aldehydes and Ketones Online Test

Sr	Questions	Answers Choice
1	Esters have fruity smell and are used as artificial favours. Amyl acetate gives flavour of	A. Banana B. Jasmine C. Pineapple D. Orange
2	All are dicarboxylic acids except	A. Oxalic acid B. Malonic acid C. Picric acid D. Tartaric acid
3	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
4	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
5	Ethanoic acid reacts with all of these to produce water except	A. Ethanol B. Sodium C. Caustic soda D. Sodium hydrogen carbonate
6	The specie that develops strongest hydrogen bonding with water	A. HCOOH B. B.CH ₃ CH ₂ COOH C. CH ₃ COOH D. ClCH ₂ COOH
7	Which one of the following will react with bothethand and ethanoic acid at room temperature	A. CaCO ₃ B. CuO C. Na-metal D. CH ₃ OH
8	Which of the following has the lowet solubility in water	A. HCOOH B. CH ₃ COOH C. CH ₃ -CH ₂ -COOH D. C ₃ H ₇ -COOH
9	Slight oxidation of primary alcohol eives	A. Ketone B. Aldehyde C. -Organic acid D. An ester
10	Reaction of acetic acid with LiAlH ₄ gives	A. Ethanol B. Ethanal C. Ethane D. Ethyl acetate
11	A compound X has all of the properties below. It is a liquid at 25°C it mixes completely with water it reaets with aqueous sodium hydroxide, What could X be?	A. _{Ethanoic acid} B. Ethene C. Ethanol D. Ethyl ethanoate
12	Oils and fats belong to the class of	A. Alcohols B. Hydrocarbons C. Acids D. Esters
13	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
14	Compound X & Y give effervesce with Na ₂ CO ₃ , solution. X gives a white ppt with ammonical 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. Acetaldehy de & acetic acid D. Acetic acid & acetone
15	Which of the following is a strong acid	A. CH ₃ COOH B. C ₂ H ₅ OH C. HCOOH D. Phenol

16	In the esterification, first attack is due to carboxylic acid	A. Hydrogen ion B. Alcohols C. Water D. All
17	Which compound is not formed as a result of reaction between acetic acid & HI & red phosphorous	A. Ethanol B. Water C. Iodine D. Ethane
18	Which of the following acid is unsaturated carboxylic acid	A. Malonic acid B. Oxalic acid C. Succinic acid D. Maleic acid
19	Which of the following metal cannot evolve hydrogen from the acetic acid	A. Sodium B. Potassium C. Magnesium D. Copper
20	The derivatives that cannot be prepared directly from the acetic acid	A. Acetamide B. Acetic anhydride C. Ethyl acetate D. Ester