MDCAT Chemistry Chapter 17 Aldehydes and Ketones Online Test

Sr	Questions	Answers Choice
1	Which compound shows the highest melting point	A. water B. Propanoic acid C. Methanoic acid D. Ethanoic acid
2	The Complete oxidation of ethanol produces first Ethanal than	A. Ethanal B. Propanone C. Ethanoic acid D. Benzoic acid
3	Carboxylic acid is more acidic than phenol because of the greater stability of	A. Carboxylic acid B. Phenoxide ion C. proton D. Carboxylate ion
4	In esterification, the OH of carboxylic acid is replaced by	A. OR+ B. R+ C. OR D. R
5	Carboxylic acids reacts with sodium carbonate, & gas evolved in this reaction	A. CO2 B. H2 C. CO D. Both a &b
6	Which of the following metal cannot evolve hydrogen from the acetic acid	A. Sodium B. Potassium C. Magnesium D. Copper
7	In the esterification, first attack is due toon carborylic acid	A. Hydrogen ion B. Alcohols C. Water D. All
8	The specie that develops strongest hydrogen bonding with water	A. HCOOH B. B.CH3CH2COOH C. CH3COOH D. ClCH2COOH
9	Ethanoic acid reacts with PCl5, to give ethanoyl chloride. HCl and a third compound What is the third compound	A. H3PO3, B. POCl3 C. SO2 D. COCl2
10	Which one of the following reaction of carboxylic acid is reversible?	A. Esterification B. Salt formation C. Reaction with PCl5 D. Reaction with SOCl2
11	Esters have fruity smell and are used as artificial favours. Amyl acetate gives flavour of	A. Banana B. Jasmine C. Pineapple D. Orange
12	Molar mass of formic acid in benzene comes out to be	A. 64 B. 46 C. 32 D. 92
13	Primany aleohols sornally give us aldehyde when oxidized in the presence of acidified Na2Cr2O7, what will be the product, when the secondary alcohols are oxidized in same condition?	A. Alkenes B. Alkyl halide C. Alkynes D. Ketones
14	An acid that exists as a cyclic dimer in benzene and shows a molar mass of 120g/mol is	A. CH3COOH B. HCOOH C. Cl2CHCOOH D. Cl3CCOOH
15	Estyl butyrate has flavour like	A. Banans B. Jasmine C. Pineapple D. Orange

16	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
17	The derivatives that cannot be prepared directly from the acetie acid	A. Acetamide B. Acetic anhydride C. Ethyl acetate D. Ester
18	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
19	Formamide is formed by the reaction of which acid with ammonia	A. Oualic acid B. Formic acid C. Ethanoic acid D. Propanoic acid
20	solubility of carboxylic acids decreases in water with increase in molar mass because	A. Bigger molecules are more polar B. bigger molecules have bigger non-polar groups C. bigger molecules make more hydrogen bonds D. bigger molecules can form lesser hydrogen bonds/molecule