

ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	Aromatic carboxylic acids have carboxyl group attached to group :	A. Alkyl group B. Aryl group C. Phenyl group D. Benzyl group
2	The acid present in the stings of bees and wasps in	A. Acetic acid B. Formic acid C. Formalin D. Formaldehyde
3	A compound containing carboxyl group in them are called:	A. Ketone B. Ether C. Carboxylic acids D. Polycarboxylic acid
4	A carboxylic acid contains:	A. A hydroxyl group B. A carboxyl group C. A hydroxyle & carboxyl group D. A carboxyl & aldehyde group
5	When a carboxylic acid reacts with alcohol, it produces a new class of compounds	A. Ethers B. Esters C. Anhydride D. Amides
6	When acetic acid and ethanol react together an ester is formed which is called	A. Ethyl ester B. Ethanoic acid C. Ethanoic acid D. Ethyl acetate
7	Acetic acid is obtained when	A. Methyl alcohol is oxidized with potassium permanganate B. Calcium acetate is distilled in the presence of calcium formate C. Acetaldehyde is oxidized with potassium dichromate and sulphuric acid D. Glycerol is heated with sulphuric acid
8	What is formed when oxalic acid is dehydrated by conc. H_2SO_4 ?	A. $C + CO_2$ B. CO C. CO_2 D. $CO + CO_2$
9	Essential amino acids are those amino acids which	A. Body can not synthesize B. Body can synthesize C. α -amino acids D. β -amino acids
10	Which of the following compounds on boiling with $KMnO_4$ (alk) and subsequent acidification will not give benzoic acid?	A. Benzyl alcohol B. Acetophenone C. Anisole D. Toluene
11	Which compound is both chiral and acidic	
12	General formula of aromatic carboxyl acids	A. R-----OH B. RCOOH C. RCOR D. ARCOOH
13	Which is not carboxylic acid with pungent smell?	A. Formic acid B. Acetic acid C. Ethanoic acid D. Propanoic acid

D. Butyric acid

14	Hydrolysis of trichloromethane with aqueous KOH gives	A. Potassium formate B. Acetylene C. Chloral D. Methanol
15	Question Image	A. Acidic amino acid B. Basic amino acid C. Neutral amino acid D. None of these
16	Given below are some statements concerning formic acid, which of them is true?	A. It is a weaker acid than acetic acid B. It is a reducing agent C. When its calcium salt is heated, it forms a ketone D. It is an oxidizing agent
17	Carboxylic acid can generally be prepared by various methods. Which of the following methods is not suitable for making carboxylic acids	A. By the oxidation of primary alcohols B. By the hydrolysis of nitriles C. By the carbonation of Grignard, reagent D. By the hydrolysis of p-amines
18	Lactic acid on oxidation by alkaline potassium permanganate gives	A. Tartaric acid B. Pyruvic acid C. Cinnamic acid D. Propionic acid
19	Weakest acid among the followings is	A. Acetic acid B. Phenol C. Water D. Acetylene
20	When hydrogen cyanide is added to an Aldehyde in the presence of ammonia it is called	A. Strecker synthesis B. Cory house synthesis C. Williamson;s synthesis D. None of these