

## ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	Carboxylic acids functional group is:	A. $\text{---COOH}$ B. $\text{---COH}$ C. $\text{---CO---}$ D. $\text{---OH}$
2	The organic compounds containing $\text{Ph---OH}$ group are called:	A. Phenol B. Aldehyde C. Ketones D. Carboxylic acids
3	Amylacetate flavour is present in:	A. Banana B. Apple C. Jasmine D. Orange
4	Amino acids are building blocks of:	A. Protein B. Carbohydrates C. Lipids D. Fats
5	Amino acids contain functional groups in it:	A. $\text{---CO---}$ B. $\text{---OH}$ C. $\text{---NH}_2$ D. All of these
6	Acetic acid is miscible in:	A. Water B. Alcohol C. Either D. All of these
7	Boiling point of acetic acid is $^{\circ}\text{C}$ :	A. 116 B. 117 C. 118 D. 119
8	Glacial acetic acid freezes to ice like solid at $(^{\circ}\text{C})$	A. 07 B. 17 C. 27 D. 37
9	Vinegar is dilute solution of:	A. Acetic acid B. Formic acid C. Butyric acid D. Propionic acid
10	Carboxylic acids on complete reduction in the presence of $\text{H}_2$ and red phosphorus gives:	A. Esters B. Alcohols C. Alkanes D. Aldehydes
11	Which are used as essences (flowers)?	A. Aldehydes B. Ketones C. Alcohols D. Esters
12	Acetic acids react with $\text{PCl}_5$ giving:	A. Acetamide B. Acetyl chloride C. Alcohol D. Ether
13	Active metals react with carboxylic acid releasing gas:	A. $\text{CO}$ B. $\text{CO}_2$ C. $\text{H}_2$ as steam D. $\text{H}_2$
14	Carboxylic acids react with acids releasing gas from it:	A. $\text{H}_2\text{O}$ as steam B. $\text{CO}$ C. $\text{CO}_2$ D. $\text{O}_2$
15	Carboxyl group has functional group in it:	A. One B. Two C. Three D. Four

16	Which is not carboxylic acid with pungent smell?	A. Formic acid B. Acetic acid C. Ethanoic acid D. Butyric acid
17	In preparation method of carboxylic acids from alkyl halides always carboxylic acid formed which have carbon atoms:	A. One less than in R----X B. One more than in R----X C. Equal to R---X D. Double to R----X
18	A carboxylic acid containing Ar group in it is called:	A. Aromatic carboxylic acid B. Aliphatic carboxylic acid C. Dicarboxylic acid D. Carboxylic acid
19	A compound containing carboxyl group in them are called:	A. Ketone B. Ether C. Carboxylic acids D. Polycarboxylic acid
20	A carboxylic acid with one carboxyl group:	A. Monocarboxylic acid B. Dicarboxylic acid C. Tricarboxylic acid D. Polycarboxylic acid
21	Acetamide is prepared by:	A. Heating ammonium acetate B. Heating methyl cyanide C. Heating ethyl acetate D. The hydrolysis of methyl cyanide
22	Which of the following is not a fatty acid?	A. Propanoic acid B. Acetic acid C. Phthalic acid D. Butanoic acid
23	The solution of which acid is used for seasoning of food ?	A. Formic acid B. Acetic acid C. Benzoic acid D. Butanoic acid
24	Which reagent is used to reduce a carboxylic group to an alcohol?	A. H <sub>2</sub> /Ni B. H <sub>2</sub> /Pt C. NaBH <sub>4</sub> D. LiAlH <sub>4</sub>
25	Which of the following derivative cannot be prepared directly from acetic acid?	A. Acetamide B. Acetyl chloride C. Ethyl acetate D. Acetic acid
26	Which acid is used in the manufacture of synthetic fibre?	A. Formic acid B. Oxalic acid C. Carbonic acid D. Acetic acid
27	A carboxylic acid contains:	A. A hydroxyl group B. A carboxyl group C. A hydroxyl & carboxyl group D. A carboxyl & aldehyde group
28	Acetic acid is manufactured by:	A. Distillation B. Fermentation C. Ozonolysis D. Esterification
29	Carboxylic acids are more acidic than phenol and alcohol because of	A. Intermolecular hydrogen bonding B. Formation of dimers C. Highly acidic hydrogen D. Resonance stabilization of their conjugate base
30	Ethyl acetate is obtained when methyl magnesium iodide reacts with	A. Ethyl formate B. Ethyl chloroformate C. Acetyl chloride D. carbon dioxide