

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Carboxylic acids functional group is:	A. ---COOH B. ---COH C. ---CO--- D. ---OH
2	The organic compounds containing 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. ---CO--- B. ---OH C. ---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 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 PCl_5 giving:	A. Acetamide B. Acetyl chloride C. Alcohol D. Ether
13	Active metals react with carboxylic acid releasing gas:	A. CO B. CO_2 C. H_2 as steam D. H_2
14	Carboxylic acids react with acids releasing gas from it:	A. H_2O as steam B. CO C. CO_2 D. 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 ₂ /Ni B. H ₂ /Pt C. NaBH ₄ D. LiAlH ₄
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	In carboxyl group the bond between C and oxygen is:	A. Sigma bond B. Single bond C. Double Bond D. Triple bond
30	Dehydration of alcohol gives:	A. Alkane B. Alkene C. Aldehyde D. ketone