

ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	Carboxylic acids having carboxyl group one is called:	A. Mono carboxylic acid B. Di-carboxylic acid C. Tri carboxylic acid D. Tetra carboxylic acid
2	Glutamic acid, aspartic acid are _____ amino acid	A. Acidic B. Basic C. Neutral D. None of these
3	The acid showing salt like character in aqueous solution is	A. Acetic acid B. Benzoic acid C. Formic acid D. α -Aminoacetic acid
4	Question Image	
5	Carboxyl group has functional in it.	A. one B. two C. three D. four
6	When a carboxylic acid reacts with a metal _____ gas is evolved	A. H_2 B. CO_2 C. Cl_2 D. None of these
7	Of the following four reactions, formic acid and acetic acid differ in which respect?	A. Replacement of hydrogen by sodium B. Formation of ester with alcohol C. Reduction of Fehling solution D. Blue litmus reaction
8	Glacial acetic acid freezes to ice like solid at ($^{\circ}C$)	A. 07 B. 17 C. 27 D. 37
9	Acetamide is prepared by:	A. Heating ammonium acetate B. Heating methyl cyanide C. Heating ethyl acetate D. The hydrolysis of methyl cyanide
10	Carboxylic acids are reduced to in presence of $NaAlH_4$	A. Esters B. Acetyl chloride C. alcohol D. Aldehydes
11	Which are used as essences(flowers)?	A. aldehydes B. Ketones C. alcohols D. esters
12	Toluene can be oxidized to benzoic acid by	A. $KMnO_4(alk)$ B. $K_2Cr_2O_7(acidic)$ C. Both D. None
13	Active metals react with carboxylic acid releasing gas:	A. CO B. CO_2 C. H_2O as steam D. H_2
14	The acid present in vinegar is	A. CH_3COOH B. HCl C. H_2SO_4 D. HCOOH
15	The solution of which acid is used for seasoning of food ?	A. Formic acid B. Acetic acid C. Benzoic acid D. ...

D. Butanoic acid

16 Which one of the following has been hydroxyl and carboxylic acid groups

- A. Phenols
- B. Picric acid
- C. Phthalic acid
- D. Salicylic acid

17 Which of the following is the strongest acid?

- A. CF_3COOH
- B. CBr_3COOH
- C. CH_3COOH
- D. CCl_3COOH

18 A carboxylic acid contains:

- A. A hydroxyl group
- B. A carboxyl group
- C. A hydroxyl & carboxyl group
- D. A carboxyl & aldehyde group

19 A peptide having molecular mass upto 10,000 is called a

- A. Vitamin
- B. Protein
- C. Polypeptide
- D. Dipetide

20 Acetic acid is miscible in:

- A. Water
- B. Alcohol
- C. Ether
- D. All of these