

ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	Hydrolysis of alkyl nitriles is done to get carboxylic acids in the presence of	A. Mineral acids B. Mineral alkalies C. Organics acids D. Minerals acids & alkalies
2	Hydrolytic reaction of fats by causic soda is known as	A. Acetylation B. Carboxylation C. Esterification D. Saponification
3	Caroxyl group has functional in it.	A. one B. two C. three D. four
4	Aspirin is	A. Acetyl salicylic acid B. Phenyl salicylic acid C. Salicylic acid D. Benzoic acid
5	Formic Acid is obtained from Red out by:	A. Distillation B. Crystallization C. Filtration D. sublimation
6	Active metals react with carboxylic acid releasing gas:	A. CO B. CO ₂ C. H ₂ O as steam D. H ₂
7	Which of the following is not a fatty acid	A. Propanoic acid B. Acetic acid C. Phthalic acid D. Butanoic acid
8	Etherification is catalyzed by	A. Acids B. Gases C. Salts D. None of the these
9	Question Image <input type="text"/>	A. Proton donar B. Dehydrating agent C. Catalyst D. Electrophile
10	The human body can synthesize _____ amino acids	A. 1 B. 10 C. 20 D. 19
11	Amino acids are building blocks of:	A. protein B. Carbohydrates C. Lipids D. fats
12	Lower carboxylic acids are soluble in water due to	A. Low molecular weight B. Hydrogen bonding C. Dissociation into ions D. Easy hydrolysis
13	Carboxylic acids react with acids releasing gas from it:	A. H ₂ O as steam B. CO C. CO ₂ D. O ₂
14	Which compound is both chiral and acidic	
15	Which acid is used in the manufacture of synthetic fibre?	A. Formic acid B. Oxalic acid C. Carbonic acid D. Acetic acid
16	Ethyl acetate reacts with CH ₃ MgBr to form	A. Secondary alcohol B. Tertiary alcohol C. Primary alcohol and acid

D. Acid

- 17 Which formula represents the organic compound formed by the reaction of propanoic acid with methanol in the presence of concentrated sulphuric acid as a catalyst
- A. $\text{CH}_3\text{CH}_2\text{COCH}_3$
B. $\text{CH}_3\text{CH}_2\text{CO}_2\text{CH}_3$
C. $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}_3$
D. $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_3$
- 18 A compound X has all of the following properties: It is a liquid at room temperature and atmospheric pressure; It does not mix completely with water; It does not decolorise acidified potassium manganate
What could X be
- A. Ethane
B. Ethanoic acid
C. Ethanol
D. Ethyl ethanoate
- 19 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
- 20 Saponification of ethyl benzoate with caustic soda
- A. Benzyl alcohol, ethanoic acid
B. Sodium benzoate, ethanol
C. Benzoic acid, sodium ethoxide
D. Phenol, ethanoic acid