

## ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	Rearrangement of an oxime to an amide in the presence of strong acid is called	A. Curtius rearrangement B. Fries rearrangement C. Beckman rearrangement D. Aldol condensation
2	A carboxylic acid with one caboxyl group:	A. Monocarboxylic acid B. Dicarboxylic acid C. Tricarboxylic acid D. Polycarboxylic acid
3	With amino acids ninhydrin solution gives	A. Blue B. Violet C. Bluish violet D. White
4	Compounds containing cyanide group (.....C≡H) are called:	A. Nitrides B. Nitrites C. Nitriles D. Cyanides
5	Which one of the following has been hydroxyl and carboxylic acid groups	A. Phenols B. Picric acid C. Phthalic acid D. Salicylic acid
6	Boiling point of acetic acid is °C	A. 116 B. 117 C. 118 D. 119
7	Carboxyl group has functional in it.	A. one B. two C. three D. four
8	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
9	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
10	Two moles of acetic acid are heated with P <sub>2</sub> O <sub>5</sub> the product formed is	A. 2 moles of ethyl alcohol B. Formic anhydride C. Acetic anhydride D. 2 moles of methyl cyanide
11	Question Image	A. Acidic amino acid B. Basic amino acid C. Neutral amino acid D. None of these
12	The Zwitter ion is also called	A. International salt B. Internal salt C. No salt D. None of these
13	The acid present in vinegar is	A. CH <sub>3</sub> COOH B. HCl C. H <sub>2</sub> SO <sub>4</sub> D. HCOOH
14	The solution of which acid is use for seasoning of food?	A. Formic acid B. Acetic acid C. Benzoin acid D. Butanoic acid
15	Acetic acid is manufactured by the fermentation of	A. Ethanol B. Methanol C. Ethanal D. ...

16	Amiino acids are building blocks of:	A. Protein B. Carbohydrates C. Lipids D. Fats
17	The reaction of acetaldehyde with HCN followed by hydrolysis gives a product which exhibits	A. Metamerism B. Tautomerism C. Enatiomerism D. Geometrical isomerism
18	Question Image	A. Proton donar B. Dehydrating agent C. Catalyst D. Electrophile
19	Active metals react with carboxylic acid releasing gas:	A. CO B. CO <sub>2</sub> C. H <sub>2</sub> O as steam D. H <sub>2</sub>
20	Which of the following is the strongest acid?	A. CF <sub>3</sub> COOH B. CBr <sub>3</sub> COOH C. CH <sub>3</sub> COOH D. CCl <sub>3</sub> COOH