


ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	A peptide having molecular mass upto 10,000 is called a	A. Vitamin B. Protein C. Polypeptide D. Dipetide
2	Amino acids are building blocks of:	A. Protein B. Carbohydrates C. Lipids D. Fats
3	General formula of aliphatic carboxylic acids:	A. R---OH B. R---COH C. R---CO---R D. RCOOH
4	With the increase in carbon no. the solubility of carboxylic acids	A. Increases B. Decreases C. Remains same D. None of these
5	When hydrogen cyanide is added to an Aldehyde in the presence of ammonia it is called	A. Strecker synthesis B. Cory house synthesis C. Williamson;s synthesis D. None of these
6	Those amino acids which contain two carboxylic groups are called _____ amino acids	A. Acidic B. Basic C. Neutral D. None of these
7	A colourless liquid, at room temperature reacts with soda lime to form sodium salt of carboxylic acid and ammonia gas. The liquids is	A. Propanamide B. Propanoic acid C. Formamide D. Methyl Ethanoate
8		A. Proton donar B. Dehydrating agent C. Catalyst D. Electrophile
9	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
10	The M.P. of carboxylic acids containing even number of carbon atoms is _____ than the next	A. Higher B. Low C. Equal D. None
11	The human body can synthesize _____ amino acids	A. 1 B. 10 C. 20 D. 19
12	Amides on treatment with Br ₂ and KOH are converted into amines, the reaction is known as	A. Hoffmann's bromamide reaction B. Hoffmann's methylation C. Gabriel phthalimide reaction D. H.V.Z reaction
13	Acetic Acid is obtained from:	A. Red out B. Vinegar C. Butter D. Milk
14	Hydrolysis of an ester gives a carboxylic acid which on Kolbe's electrolysis yields ethane. the ester is	A. Ethyl methanoate B. Methyl ethanoate C. Propylamine D. Ethylamine
15	When acetamide reacts with Br ₂ and caustic soda, then we get	A. Acetic acid B. Bromoacetic acid C. Methyl amine D. Ethylamine

		D. Ethylamine
16	Vinegar made from cane sugar, now a days synthetically contains	A. Citric acid B. Lactic acid C. Acetic acid D. Palmitic acid
17	Tyrosine was isolated from	A. Butter B. Cheese C. Oils D. Fats
18	Carboxylic acids react with acids releasing gas from it:	A. H ₂ O as steam B. CO C. CO ₂ D. O ₂
19	Carboxyl group has functional group in it:	A. One B. Two C. Three D. Four
20	Acidic hydrolysis of acetamide gives	A. Acetaldehyde B. Acetic acid C. Methyl amine D. Formic acid