

ECAT Chemistry 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	If a large number of amino acids (hundreds to thousands) are joined by peptide bonds, the resulting product is called	A. Dipeptide B. Tripeptide C. Polypeptide D. None of these
3	The acid present in vinegar is	A. CH_3COOH B. HCl C. H_2SO_4 D. HCOOH
4	The OH group present in acids may be replaced by Cl atom on treatment with	A. PCl_5 B. SOCl_2 C. Both of them D. None of the above
5	Acetamides are formed by the reaction of carboxylic acids with	A. Acids B. Bases C. Salts D. NH_3
6	Which of the following is present in the stings of bees and wasps	A. Formic acid B. Citric acid C. Carbolic acid D. Formalin
7	The human body can synthesize _____ amino acids	A. 1 B. 10 C. 20 D. 19
8	Which one of the following has been hydroxyl and carboxylic acid groups	A. Phenols B. Picric acid C. Phthalic acid D. Salicylic acid
9	Optical activity is possible in	A. Oxalic acid B. Acetic acid C. Tartaric acid D. Formic acid
10	Those amino acids which contain two carboxylic groups are called _____ amino acids	A. Acidic B. Basic C. Neutral D. None of these
11	Which of the following statements about acetic, anhydride is not correct	A. It is immiscible with water but is hydrolysed to give acetic acid B. It is prepared by the action of acetyl chloride on the sodium salt of acetic acid C. it reacts with ammonia to give acetamide D. it is a strong acid
12	The human body can synthesize _____ amino acids	A. 1 B. 10 C. 20 D. 19
13	The amino acids which human body can synthesize are called _____ amino acid	A. Essential B. Non essential C. Acidic D. Basic
14	The acid present in the stings of bees and wasps in	A. Acetic acid B. Formic acid C. Formalin D. Formaldehyde

15	An artificial smell of banana is produced in many articles y using esters which of the following is that	A. Amyl acetate B. Isoamyl valerate C. Octyl acetate D. Methyl butyrate
16	Esters have peculiar smell, which of the following is used as an essence of orange	A. Isoamyl acetate B. losamyl valerate C. Octyl acetate D. Methyl butyrate
17	The Zwitter ion is also called	A. International salt B. Internal salt C. No salt D. None of these
18	Lysine is _____ amino acid	A. Acidic B. Basic C. Natural D. None of these
19	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
20	Partial reduction of acetic acid happens with	A. NH_3 B. LiAlH_4 C. $\text{P} + \text{HI}$ D. PCl_5
21	When a carboxylic acid reacts with alcohol, it produces a new class of compounds	A. Ethers B. Esters C. Anhydride D. Amides
22	The general formula of amino acids is	
23	The M.P. of carboxylic acids containing even number of carbon atoms is _____ than the next	A. Higher B. Low C. Equal D. None
24	Acetamide is prepared by	A. Heating ammonium acetate B. Heating methyl cyanide C. Heating ethyl acetate D. The hydrolysis of methyl cyanide
25	Which of the following is not a fatty acid	A. Propanoic acid B. Acetic acid C. Phthalic acid D. Butanoic acid
26	Pro stand for	A. Valine B. Alanine C. Glycine D. Proline
27	Etherification is catalyzed by	A. Acids B. Gases C. Salts D. None of the these
28	The solution of which acid is used for seasoning of food	A. Formic acid B. Acetic acid C. Benzoic acid D. Butanoic acid
29	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
30	Which of the following derivative can not be prepared directly from acetic acid	A. Acetamide B. Acetyl chloride C. Acetic anhydride D. Ethyl acetate