ECAT Chemistry Chapter 24 Carboxylic Acid Online Test

Sr	Questions	Answers Choice
1	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
2	Acetic anhydride is obtained form acetyl chloride by the reaction of	A. P₂O₅ B. H₂SO₄ C. CH₃COONa D. CH₃COCH₃
3	Which of the following is not fatty acid?	A. Propanoic acid B. Acetic acid C. Phthalic acid D. Butanoic acid
4	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
5	Given below are some statements concerning formic acid, which of them is true?	A. It is a weaker acid than acetic acid B. It is a reducing agent C. When its calcium salt is heated, it forms a ketone D. It is an oxidizing agent
6	The acid present in vinegar is	A. CH₃COOH B. HCl C. H₂SO₄ D. HCOOH
7	In preparation medhod of carboxylic acids from alkyl halides always carboxylic acid formed which have carbon atoms:	A. One less than in R----X B. One more than in R---X C. Equal to R---X D. Double to R----X
8	Carboxylic acids react with acids releasing gas from it:	A. H2O as steam B. CO C. CO2 D. O2
9	Glacial Acetic acid is	A. Pure acetic acid at 100°C B. Acetic acid mixed with methanol C. Pure acetic acid at 0°C D. Pure acetic acid above 16.6°C
10	Zwitter ion is _____ ion an amino acid	A. Polar B. Monopular C. Dipolar D. Non polar
11	Acetic acids react with PCl5 giving:	A. Acetamide B. Acetyl chloride C. Alcohol D. Ether
12	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
13	Acetamide and $NaOBr/OH^-$produce	A. Ethanamine B. Methanamide C. CH₃CN D. NH₃

14	What is the structure of the ester formed from propanoic acid and ethanol	
15	Ethyl acetate is obtained when methyl magnesium iodide reacts with	A. Ethyl formate B. Ethyl choroformate C. Acetyl chloride D. carbondioxide
16	Between CH_3COOH and HCOOH, HCOOH will be	A. Less acidic B. Equally acidic C. More acidic D. None
17	Carboxylic acid can generally be prepared by various methods. Which of the following methods is not suitable for making carboxylic acids	A. By the oxidation of primary alcohols B. By the hydrolysis of nitriles C. By the carbonation of Grignard, reagent D. By the hydrolysis of p-amines
18	With the increase in carbon no. the solubility of carboxylic acids	A. Increases B. Decreases C. Remains same D. None of these
19	Question Image	A. Alkyl B. Alkyl nitrile C. Cyanogens D. Amine
20	Which acid is used in the manufacture of synthetic fibre?	A. Formic acid B. Oxalic acid C. Carbonic acid D. Acetic acid