

Carboxylic Acids

Sr	Questions	Answers Choice
1	Carboxylic acids are more acidic than pehnol and alcohol because of	A. Intermolecular hydrogen bonding B. Formation of dimmers C. Highly acidic hydrogen D. Resonance stabilization of their conjugate base
2	Acetamide is prepared by	A. Heating ammonium acetate B. Heating methyl cyanide C. Heating ethyl acetate D. The hydrolysis of methyl cyanide
3	Acetamide and NaOBr/OH produce	A. Ethanamine B. Methanamide C. CH ₃ CN D. NH ₃
4	The acid present in vinegar is	A. CH ₃ COOH B. HCI C. H ₂ SO ₄ D. HCOOH
5	General formula of aromatic carboxyl acids	A. ROH B. RCOOH C. RCOR D. ARCOOH
6	Toluene can be oxidized to benzoic acid by	A. KMnO ₄ (alk) B. K ₂ Cr ₂ O ₇ (acidic) C. Both D. None
7	The organic compounds containing Ph-OH group are called:	A. Phenol B. aldehyde C. Keton D. Carboxylic acids
8	Partial reduction of acetic acid happens with	A. NH ₃ B. LiAlH ₄ C. P + HI D. PCI ₅
9	Question Image	
10	Acetamides are formed by the reaction of carboxylic acids with	A. Acids B. Bases C. Salts D. NH ₃
11	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. CH ₃ CH ₂ COCH ₃ B. CH ₃ CH ₂ CO ₂ CH ₃ C. CH ₃ CO ₂ CH ₂ CH ₃ D. CH ₃ CH ₂ CH ₂ CO ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₂ CH ₃ CH ₄ CH ₆ CH ₆ CH ₆ CH ₆ CH ₆
12	What is formed when oxalic acid is dehydrated by conc. H ₂ SO ₄ ?	A. C + CO ₂ B. CO C. CO ₂ D. CO + CO ₂
13	Aliphatic carboxylic acids have carboxyl group attached to:	A. Alkyl group B. Aryl group C. Phenyl group D. Benzyl Igroup
14	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 actyl chloride on the sodium salt of acetic acid C. it reacts with ammonia to give acetamide D. it is a strong acid
15	Monocarboxylic acids exist as dimer because of	A. Dipole-dipole attraction B. Hydrogen bonding C. Van der Waals forces
		D. Conhesive forces

16	I he solution of which acid is used for seasoning of food	B. Acetic acid C. Benzoic acid
		D. Butanoic acid
		A. International salt
17	The Zwitter ion is also called	B. Internal salt C. No salt
		D. None of these
		D. None of these
	Amiina acida aya huilding blacka afi	A. Protein
18		B. Carbohydrates
10	Amiino acids are building blocks of:	C. Lipids
		D. Fats
		A. Step 1 Step 2 <div>HCl HCN</div>
		B. HcN,NaCH H ₂ SO ₄
19	Question Image	C. H ₂ SO ₄
		K ₂ Cr ₂ O ₇ /H ₂ SO ₄
		D. KCN HCI
	Formic acid is given names from Latin word a	A. Red out
20		B. Vinegar
20	"formic" which means:	C. butter
		D. Milk