ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers

Sr	Questions	Answers Choice
1	Ethanol can be converted into ethanoic acid :	A. Hydrogenation B. Hydration C. Oxidation D. Fermentation
2	The malt-sugar in the presence of yeast or invertase gives	A. Fructose B. Glucose C. Lignin D. Alcohol
3	Organic acid without a carboxylic acid group is	A. Ascorbic acid B. Vinegar C. Oxalic acid D. Picric acid
4	Ethanol can be converted into ethanoic acid by	A. Hydrogenation B. Hydration C. oxidation D. Frmentation
5	Which enzyme is not involved in fermentation of strach	A. Diastase B. Zymase C. Urease D. Invertase
6	When phenol is distilled with zinc dust. It is reduced to	A. Benzene B. Benzaldehyde C. Toluene D. Hexanol
7	A compound of the formula $C_4H_{10}O$reacts with sodium and undergoes oxidation to give a carbonyl compound which does not reduce Tollen's reagent, the original compound is	A. Diethyl ether B. n-Butyl alcohol C. Isobutyl alcohol D. sec-Butyl alcohol
8	Rectified spirit contains alcohol about:	A. 80% B. 85% C. 90% D. 95%
9	Grignard reagent on reaction with a ketone forms	A. Tertiary alcohol B. Secondary alcohol C. Primary alcohol D. Carboxylic acid
10	Use of ethanol as:	A. Drink B. Solvent and fuel C. In beverage D. All of these
11	The organic compounds which are derivative of hydrocarbons of oxygen are:	A. Carbohydrates B. Phenols C. Alcohals D. All of these
12	The reaction of sodium with ethanol gives	A. CH₃OH B. NaH C. H₂O D. H₂
13	Which of the following is correct?	A. Reduction of any aldehyde gives secondary alcohol B. Reaction of vegetable oil with H₂SO₄gives glycerine C. Alcoholic iodine with NaOH gives iodoform D. Sucrose on reaction with NaCl gives invert sugar
14	Mild oxidation of glycerol with $H_2O_2/FeSO_4$gives	A. Glyceraldehyde B. Dihydroxy acetone C. Glycerose D. None

15	The formula of secondary alcohol is	A. R - OH B. R - CH₂OH C. R₂CHOH D. R₃COH
16	The reaction of aromatic acyl chloride and phenol in the presence of a base NaOH or pyridine is called	A. Kolbe's reaction B. Perkin's reaction C. Sandmeyer's reaction D. Schotten Baumann reaction
17	Taste of lower alcohols is:	A. Sweet B. Bitter C. Our D. Salty
18	Phenol is a weak acid. The correct order of acid strength of carboxylic acid, phenol and alcohol is	A. Carboxylic acid > phenol > alcohol B. Carboxylic acid > alcohol > phenol C. Phenol > carboxylic acid > alcohol D. Alcohol > phenol > carboxylic acid
19	Derivative of water is:	A. Alcohals B. Phenols C. Either D. Phenol
20	Which alcohol gives only one oxidation product when wormed with dil acidified $K_2Cr_2O_7$	A. Butan-1-ol B. Butan-2-ol C. 2-methyl propan-1-ol D. 2-methyl propan-2-ol