


## ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers

Sr	Questions	Answers Choice
1	Which is not the enzyme involved in the preparation of ethyl alcohol by fermentation of starch	A. Diastase B. Maltase C. Zymase D. Invertase
2	Ethanol can be converted into ethanoic acid by	A. Hydrogenation B. Hydration C. Oxidation D. Fermentation
3	Which of the following will not give iodoform test?	A. Ethanol B. Ethanal C. Isopropyl alcohol D. Benzyl alcohol
4	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
5	In Lucas test tertiary alcohol make an oily layer	A. Immediately B. In 10 mins C. On heating D. Not
6	Grignard reagent on reaction with a ketone forms	A. Tertiary alcohol B. Secondary alcohol C. Primary alcohol D. Carboxylic acid
7	Methanol is prepared from CO and $H_2$ using catalyst:	A. ZnO B. $Cr_2O_3$ C. Pt D. Ni
8	Phenols are derivative of:	A. Alkanes B. Alkenes C. Alkynes D. Benzene
9	To prepare ethanol by fermentation the optimum temp. is	A. 10 - 20°C B. 25 - 30°C C. 20°C D. 35°C
10	Oxidation of methyl alcohol gives	A. Formaldehyde B. Acetone C. Ester D. Acid
11	Which is used as an antifreeze?	A. Glycol B. Ethyl alcohol C. Water D. Methanol
12	Which one is primary alcohol?	A. Buten-2-ol B. Propan-2-ol C. Butan-1-ol D. 2,3-Dimethylhexane-4-ol
13	An organic compound 'X' on treatment with acidified $K_2Cr_2O_7$ gives a compound 'Y' which reacts with $I_2$ and sodium carbonate to form Triiodomethane. The compound 'X' is	A. $CH_3CHO$ B. $CH_3COOH$ C. $CH_3CH(OH)CH_3$ D. $CH_3COCH_3$
14		A. Aqueous bromine B. Dilute $HNO_3$ C. Dilute HCl D. $CH_3COCl$
15	Carbolic acid is the other name for	A. Methanol B. Ethanol C. Propanol D. Phenol

16	The strongest acid among the following aromatic compound is	A. Ortho-nitrophenol B. Para-chlorophenol C. Para-nitrophenol D. Meta-nitrophenol
17	Which of the following is correct?	A. Reduction of any aldehyde gives secondary alcohol B. Reaction of vegetable oil with $\text{H}_2\text{SO}_4$ gives glycerine C. Alcoholic iodine with NaOH gives iodoform D. Sucrose on reaction with NaCl gives invert sugar
18	denaturing of alcohol is done by adding methanol in ethanol:	A. 10% B. 20% C. 30% D. 40%
19	Which compound will not dissolve in $\text{H}_2\text{O}$	A. $\text{C}_6\text{H}_6$ B. $\text{C}_2\text{H}_5\text{OH}$ C. $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ D. $\text{CH}_3\text{-OH}$
20	Which compound shows hydrogen bonding	A. $\text{C}_2\text{H}_6$ B. $\text{C}_2\text{H}_5\text{Cl}$ C. $\text{CH}_3\text{-O-CH}_3$ D. $\text{C}_2\text{H}_5\text{OH}$