

ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers Online Test

C _*	Overtions	Anguara Chai
Sr	Questions	Answers Choice
1	Scientific study of fermentation was first made by	A. Buchner B. Liebig C. Biot D. Pasteur
2	The strongest acid among the following aromatic compound is	A. Ortho-nitrophenol B. Para-chlorophenol C. Para-nitrophenol D. Meta-nitrophenol
3	Phenol is heated with CCl4and alkaline KOH when salicylic acid is produced. The reaction is known as	A. Frledel-Craft reaction B. Riemer-Tiemann's reaction C. Rosenmund's reaction D. Sommelet reaction
4	Which more acidic?	A. o-cresol B. p-nitrophenol C. phenol D. m-cresol
5	Which one of the following correctly describes the acid properties of phenol	A. Stronger than HCI B. Stronger than carboxylic acid C. An acid stronger than carbonic acid D. An acid weaker than carboxylic acid
6	When sodium metal reacts with alcohols	A. Hydrogen gas evolves B. Sodium hydroxide is obtained C. Alcohol is reduced D. Alcohol is polymerised
7	Which compound shows more hydrogen bonding?	A. C ₂ H ₆ B. C ₂ H ₅ Cl C. CH ₃ O CH ₃ D. C ₂ H ₅ OH
8	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
9	Which is used as an antifreeze?	A. Glycol B. Ethyl alcohol C. Water D. Methanol
10	Phenol was discovered by:	A. Hofmann B. Runge C. Henderson D. Bakelite
11	When phenol is distilled with zinc dust. It is reduced to	A. Benzene B. Benzaldehyde C. Toluene D. Hexanol
12	An alcohol with molecular formula $C_nH_{2n+1}OH$ has a chiral carbon atom but does not react with MnO ⁻ $_4/H^+$ what is the least number of carbon atoms such an alcohol could possess	A. 5 B. 6 C. 7 D. 8
13	The boiling point of glycerol is more than propanal because of	A. Hybridisation B. H-bonding C. Resonance D. All these factors
14	An organic compound will decolorise dill acidified (aq) KMnO ₄ on warming, but will not decolorise bromine water. What is the compound	A. KMnO ₄ B. Ethanol C. Ethane D. CH ₃ CH ₂ CI
45	148.1	A. C ₂ H ₅ OH B. C ₅ H ₅ OH

15	Which compound is more soluble in water?	C. CH ₃ OCH ₃ D. n-Hexanol
16	Propanone is the product obtained by dehydrogenation of	A. 2-Propanol B. 1-Propanol C. Isobutyl alcohol D. Propanethoil
17	Rectified spirit contains alcohol about:	A. 80% B. 85% C. 90% D. 95%
18	Which is a reagent for Lucas test	A. ZnCl ₂ + Conc. HCl B. Zn C. Na D. Br
19	If an electrophile attacks then bond breaks first	A. C - H B. O - H C. C - O D. None of these
20	Dehydration of an alcohol at 180°	A. Alkene B. Ether C. Ester D. An hydride