

ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers

Sr	Questions	Answers Choice
1	Concentration of rectified spirit is:	A. 12% B. 14% C. 90% D. 95%
2	In Dow's method, phenol can be made from	A. Chlorobenzene B. Benzene C. Toluene D. Benzene sulphonic acid
3	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
4	Propanone is the product obtained by dehydrogenation of	A. 2-Propanol B. 1-Propanol C. Isobutyl alcohol D. Propanethoil
5	Alcohols, phenols and ethers may be considered as derivative of	A. Hydrocarbons B. Benzene C. Carboxylic acid D. Water
6	Phenol is used in the preparation of	A. Bakelite B. Phenatherene C. Cellulose D. All of these
7	Oxidation of 2-propanol gives	A. Propanone B. Butanone C. Pentanone D. None of these
8	Ethyl alcohol on oxidation with $K_2Cr_2O_7$ gives	A. Acetic acid B. Acetaldehyde C. Formaldehyde D. Formic acid
9	Phenols are derivative of:	A. Alkanes B. Alkenes C. Alkynes D. Benzene
10	Ethanol is prepared in Pakistan form fermentation of:	A. Starch B. Sugar C. Glucose D. Molasses
11	Primary and secondary alcohols on action of red hot copper give	A. Aldehydes and ketones respectively B. ketones and aldehydes respectively C. Only aldehydes D. Only ketones
12	The hydroxyl derivatives of aromatic hydrocarbons which have the -OH group directly bonded to the ring C-atom are called	A. Alcohols B. Ketones C. Esters D. Phenols
13	The reaction of sodium with ethanol gives	A. $CH_3CH_2CH_2OH$ B. NaH C. H_2 D. H_2 gas
14	Na reacts with phenol to produce	A. H_2 gas B. Benzene C. CO_2 D. CO gas
15	Which of the following is the most suitable method for removing the traces of water from ethanol?	A. Reacting with Na metal B. Passing dry HCl through it C. Distilling it

D. Reacting with Mg

16	Alcohols are named by replacing 'e' of alkane with:	A. al B. ene C. ol D. one
17	Which of the following is used as anesthetics	A. Alcohol B. Diethylether C. Phenol D. Dimethyl ether
18	When phenol is reduced in the presence of Zn dust, we get	A. Cyclohexene B. Cyclohexane C. Benzene D. Benzynes
19	Which is a reagent for Lucas test	A. $ZnCl_2 + Conc. HCl$ B. Zn C. Na D. Br
20	Which one of the following correctly describes the acid properties of phenol	A. Stronger than HCl B. Stronger than carboxylic acid C. An acid stronger than carbonic acid D. An acid weaker than carboxylic acid