

ECAT Chemistry Chapter 22 Alcohols, Phenols and Ethers

Sr	Questions	Answers Choice
1	Alcohols are derivatives of:	A. Benzene B. Alkanes C. Alkens D. Alkynes
2	Oxidation of ter-alcohol gives:	A. Aldehyde B. Formaldehyde C. Ketone D. Alkens
3	Baukelite is a polymer obtained from two monomers	A. Phenol and ethanol B. Phenol and methanol C. Phenol and methanal D. Phenol and acetone
4	Dehydration of glycerol give	A. Propane B. Propene C. Acrolein D. Benzene
5	Alcohols are named by replacing 'e' of alkane with:	A. al B. ene C. ol D. one
6	Which one is primary alcohol?	A. Buten-2-ol B. Propan-2-ol C. Butaon-1-ol D. 2,3-Dimethylhexane-4-ol
7	The test used for the detection of ethanol in the mouth of a drunk driver is that the drunk driver is asked to blow air from mouth into a solution of $K_2Cr_2O_7$ and H_2SO_4 . The colour changes, if the driver is drunk	A. From orange to green B. From pink to green C. From orange to colorless D. From pink to colorless
8	Maximum number of active hydrogens are present in	A. Acetic acid B. Glycerol C. Methane D. Methanol
9	Phenol is heated with CCl_4 and alkaline KOH when salicylic acid is produced. The reaction is known as	A. Friedel-Craft reaction B. Riemer-Tiemann's reaction C. Rosenmund's reaction D. Sommelet reaction
10	Which statement is not correct about alcohol?	A. Ethyl alcohol is heavier than water B. Ethyl alcohol evaporates more quickly C. Alcohol with less number of carbon atoms is more soluble in water than alcohol with more number of carbon atoms D. Alcohol produces H_2 by reaction with sodium metal
11	Treatment of a secondary alcohol with a suitable oxidizing agent ($K_2Cr_2O_7$) results in the formation of	A. Ketone B. Aldehyde C. Ether D. Alkyl halide
12	Which bond shows maximum hydrogen bonding with water?	A. CH_3-OH B. C_2H_5-OH C. CH_3-O D. C_6H_5-OH
13	Which is used as an antifreeze?	A. Glycol B. Ethyl alcohol C. Water D. Methanol
14	Phenol is more readily soluble in	A. Dil. HCl B. Both NaOH and HCl C. NaOH sol D. NaOH and HCl

D. Sodium bicarbonate solution

15	Picric acid is	A. 2, 4, 6-Trinitrotoluene B. 2, 4, 6-Tribromoethanol C. 2, 4,6-Trinitrophenol D. Para-Nitrophenol
16	Which more acidic?	A. o-cresol B. p-nitrophenol C. phenol D. m-cresol
17	Carbolic acid is the other name for	A. Methanol B. Ethanol C. Propanol D. Phenol
18	Ethyl alcohol on oxidation with $K_2Cr_2O_7$ gives	A. Acetic acid B. Acetaldehyde C. Formaldehyde D. Formic acid
19	Grignard reagent on reaction with a ketone forms	A. Tertiary alcohol B. Secondary alcohol C. Primary alcohol D. Carboxylic acid
20	denaturing of alcohol is done by adding methanol in ethanol:	A. 10% B. 20% C. 30% D. 40%