

MDCAT Chemistry Chapter 15 Alkyl Halides Online Test

Sr	Questions	Answers Choice
1	Which of the following alcohol is more soluble in H ₂ O	A. Propanol B. Butanol C. Pentanol D. Hexanol
2	Which of the following will undergo nucleophilic addition reaction more easily?	A. Aldehyde B. Alkene C. Aldehyde and ketone equally D. Neither aldehyde nor alkenes
3	Tertiary alcohols have alpha hydrogens	A. 1 B. Zero C. 2 D. 3
4	Phenol is colourless, crystalline and solid	A. Hygroscopic B. Deliquescent C. Moistening D. Odourless
5	What forces operate between ethyl group of ethyl alcohol and oxygen of water	A. H-bonding B. attractive forces C. repulsive forces D. dipole forces
6	The oxidation of 1 - propanol in the presence of H ₂ SO ₄ , +K ₂ Cr ₂ O ₇ produces final product	A. Acetaldehyde B. Propanal C. Acetone D. Propanoic acid
7	Reactivity of carbonyl compounds is due to	A. Electrophilic carbon B. Less steric hindrance C. Unsaturation of C=O D. Polarity of bond
8	Phenol can be distinguished from ethyl alcohol by all of the following reagents except	A. Iodoform test B. Na C. Br ₂ /H ₂ O D. NaOH
9	An alcohol is converted to an aldehyde with same number of carbon atoms as that of alcohol in the presence of K ₂ Cr ₂ O ₇ /H ₂ SO ₄ the alcohol is	A. CH ₃ C(CH ₃) ₂ OH B. (CH ₃) ₃ COH C. $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ D. (CH ₃) ₂ CHOH
10	Which of the following gives positive haloform test and positive Fehling solution	A. Acetone B. Ethanol C. Acetaldehyde D. Formaldehyde
11	Phenol is completely soluble in water above	A. 25°C B. 62.3°C C. 68.5°C D. 66.50°C
12	Which of the following ketone will not give iodoform test	A. Methyl isopropyl ketone B. Dimethyl ketone C. Ethyl isopropyl ketone D. 2-hexanone
13	Temperature required for the dehydration of ethanol into ethene in the presence of H ₂ SO ₄ is	A. 130°C B. 170°C C. 175°C D. 180°C
14	Which of the substance is not going to react with sodium metal:	A. Acetic acid B. Methanol C. Di methyl ether D. Ethanol
15	The synthesis of ethene from ethyl alcohol is a reaction	A. Dehydration B. Polymerization C. Addition D. Oxidation

		D. Substitution
16	During esterification, the alcohol molecule acts as:	A. Oxidizing agent B. Electrophile C. Reducing agent D. Nucleophile
17	Formalin contains-----% alcohol.	A. 37 B. 80 C. 8 D. 52
18	Primary, secondary and tertiary alcohols can be identified and distinguished by	A. Lucas test B. Iodoform test C. Baeyer's test D. Silver mirror test
19	The alcohol that does not form carbonyl compound on oxidation	A. iso-butyl alcohol B. neo pentyl alcohol C. Ethanol D. ter-butyl alcohol
20	which of the following is not a symmetrical ketone	A. 4-heptanone B. Butanone C. Propanone D. 3-pentanone