

## MDCAT Chemistry Chapter 15 Alkyl Halides Online Test

Sr	Questions	Answers Choice
1	The reagent used to distinguish between ethanol and propanal is	A. I <sub>2</sub> / NaOH B. Benedict's reagent C. LiAlH D. sodium nitroprusside
2	C=O and C=C bonds are differentiated by	A. Hybridization of C-atom B. Bond angles C. Ammonical AgNO <sub>3</sub> D. <span style="font-size: 11.0pt; line-height: 115%; font-family: 'Calibri', 'sans-serif'; font-family: SimSun; mso-bidi-font-family: 'Times New Roman'; mso-ansi-language: EN-US; mso-fareast-language: ZH-CN; mso-bidi-language: AR-SA">Conc. HNO<sub>3</sub></span>
3	2,4,6-Trinitrophenol is commonly called as	A. Phthalic acid B. Tartaric acid C. Malonic acid D. Picric acid
4	Which of the substance is not going to react the sodium metal:	A. Acetic acid B. Methanol C. Di methyl ether D. Ethanol
5	To distinguish aldehyde from ketone which solution is used	A. Alkaline solution B. Fehling's solution C. A solution containing K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> D. A solution containing acid only
6	Tertiary aleohols producewith acidified KMno,	A. Ketones B. Aldehydes C. Malonic acid D. Alkene
7	Which alcohol is most reactive towards sodium metal?	A. Ter Butyl alcohol B. n-Propyl alcolol C. Isopropyl alcohol D. Have same reactivity
8	Which one of the following is more acidic	A. Phenol B. Carboxylic acid C. Alcohols D. Amines
9	Tertiary alcohols have alpha hydrogens	A. 1 B. Zero C. 2 D. 3
10	Acetaldehyde cyanohydrin upon hydrolysis prodnces	A. Tartaric acid B. Malonic acid C. Formic acid D. Lactic acid
11	The acidity of phenol is due to its	A. Nature of Benzene B. Double bond in benzene ring C. Natute of phenoxide ion D. Hydroxyl group
12	The synthesis of ethene from ethyl alcohol is a reaction	A. Dehydration B. Polymerization C. Addition D. Substitution
13	Identify the compound, which give iodoform test	A. Methanol B. 3- Hexanol C. Methyl ketone D. Propionaldehyde
		A. Methyl alcohol

14	Which one of the followings is resistant to oxidation under normal conditions	B. Acetaldehyde C. Ethyl alcohol D. Acetone
15	Which of the following alcohol is more soluble in H <sub>2</sub> O	A. Propanol B. Butanol C. Pentanol D. Hexanol
16	Alcohol is less acidic than phenol due to	A. higher $K_a$ value B. Instability of alkoxide ion C. stability of carbocation D. Stability of phenol
17	Reactivity of carbonyl compounds is due to	A. Electrophilic carbon B. Less steric hindrance C. Unsaturation of C=O D. Polarity of bond
18	Which of the following undergoes easy dehydration?	A. 3-Methylbutan-2-ol B. Ethanol C. 2-Methylpropan-2-ol D. Methanol
19	Which will not react with phenol	A. NaOH B. Br <sub>2</sub> C. KMnO <sub>4</sub> /OH <sup>-</sup> D. Na
20	In ethyl alcohol, the bond that undergoes heterolytic cleavage most readily is	A. C-C B. C-O C. C-H D. O-H