MDCAT Chemistry Chapter 15 Alkyl Halides Online Test

Sr	Questions	Answers Choice
1	During esterifcation, the alcobol molecule acts as:	A. Oxidizing agent B. Electrophile C. Reducing agent D. Nucleophile
2	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
3	Which reagent is responsible for the conversion of ketone to secondar alcohul	A. NaAlH B. NaBH4 C. Al D. Red P
4	Tertiary alcohols have alpha bydrogens	A. 1 B. Zero C. 2 D. 3
5	The number of resonating structures of phenoxide ion are	A. 3 B. 5 C. 6 D. 4
6	An alcohol is converted to an aldehyde with same number of carbon atoms as that of alcohol in the presence of K2Cr2O7/H2S04 the alcohol is	A. CH3C(CH3)2OH B. (CH3)3COH C. CH3CH2CH2OH D. (CH3)2CHOH
7	The reagent used to distinguish between ethanol and propanal is	A. I2/ NaOH B. Benedict's reagent C. LiAlH D. sodium nitroprusside
8	Phenol can be diatingushed from ethyl alcohol by all of the following reagents except	A. Iodoforrn test B. Na C. Br2 /H2O D. NaOH
9	An electron with drawing group attached to e-position in phenol	A. makes it basic B. Stabilises the phenoxide ion C. decreases its basicity D. allows it to precipitate in aqueous solution
10	Which is most acidic?	A. H2O B. C2H5OH C. C4H9OH D. CH3-CH2-CH2OH
11	Temperature required for the dehydration of ethanol into ethene in the presence of HaSOu is	A. 130°C B. 170°C C. 175°C D. 180°C
12	Which reactant does hnof liberate water on reaction with alcohol	A. NH3 B. K2Cr2O7/15H2O C. HCl D. PCl3
13	Which of the following alcohol is more soluble in H2O	A. Propanol B. Butanol C. Pentanol D. Hexanol
14	In ethyl alcohol, the bond that undergoes heterolytic cleavage most readily is	A. C-C B. C-O C. C-H D. O-H
15	The conversion of tertiary alcohols into alkenes in the presence of K2Cr2O7 + H2SO4 is	A. Addition reaction B. C-H bond cleavage C. Elimination reaction

		D. Combustion reaction
16	Acetone reacts with HCN to form a cyanohydrin. It is an example of	A. Nucleophilic addition B. Electrophilic substitution C. Electrophilic addition D. Nucleophilic substitution
17	Acetaldchyde and ketone form addition product with	A. Phenyl hydrazine B. Hydroxylamine C. Hydrazine D. hydrogen cyanide
18	One of the following can produce greater number of moles of ethyl chloride on reacting with escess of ethanol	A. PCl5 B. PCl3 C. HCl/ZnCl2 D. SOCl2
19	The strongest conjugate base is	A. OH- B. CH3O- C. C6H5O- D. CH3COO-
20	Which alcohol is most reactive towards sodium metal?	A. Ter Butyl alcohol B. n-Propyl alcolol C. Isopropyl alcohol D. Have same reactivity