

## MDCAT Chemistry Chapter 22 Online Test

Sr	Questions	Answers Choice
1	The catalyst used for the manufacture of H2SO4 by contact process is with bromine?	A. SO3 B. Pt/pd C. V2O5 D. Fe2O3
2	The standard electrode potential of hydrogen is arbitrarily taken at 298 K is	A. 1.00 volt B. 0.00 volt C. 10.0 volt D. 0.10 volt
3	Alcohol in which carbon atom bonded to OH group is further attached with three alkyl group is	A. Aromatic alcohol B. Tertiary alcohol C. Primary alcohol D. Secondary alcohol
4	The potential difference of an electrochemical cell is measured by	A. Calorimeter B. Voltmeter C. Galvanometer D. Ammeter
5	Which is the correct electronic configuration of chromium.	A. 1s <sup>2</sup> ,2s <sup>2</sup> ,3s <sup>2</sup> ,3p <sup>6</sup> ,4s <sup>2</sup> ,3d <sup>6</sup> B. 1s <sup>2</sup> ,2s <sup>2</sup> ,2p <sup>6</sup> ,3p <sup>6</sup> ,3d <sup>6</sup> C. 1s <sup>2</sup> ,2s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>6</sup> ,3p <sup>6</sup> ,4s <sup>2</sup> ,3d <sup>4</sup> D. 1s <sup>2</sup> ,2s <sup>2</sup> ,2p <sup>6</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3p <sup>6</sup> ,4s <sup>2</sup> ,3d <sup>4</sup> D. 1s <sup>2</sup> ,2s <sup>2</sup> ,2p <sup>6</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>2</sup> ,3s <sup>5</sup> ,4s <sup>2</sup> ,3d <sup>5</sup>
6	The shape of [Co(NH <sub>3</sub> ) <sub>6</sub> ] <sup>3+</sup> complex is.	A. Linear  B. Octahedral  C. T br>Tetrahedral  D. Square planer
7	Alcohol in which carbon atom bonded to OH group is further attached with three alkyl group is .	A. Aromatic alcohol B. Tertiary alcohol C. Primary Alcohol D. Secondary Alcohol
8	According to Lowry-bronsted acid and bass concept, H2O is	A. A salt B. An acid C. A base D. An amphoteric species
9	The dilute solution of is called vinegar.	A. Formic acid B. Acetic acid C. Oxalic acid D. Benzoic acid
10	Which one of the following enthalpy change ins always exothermic?	A. Enthalpy of atomization B. Enthalpy of combustion C. Enthalpy of solution D. Enthalpy of formation
11	Percentage of nitrogen by volume in air is	A. 20% B. 78% C. 98% D. 50%
	Liquid in the container have temperature 70	A. 203 K B. 350 K

12	C. What will be the temperature in Kelvin Scale?	C. 343 K D. 300 K
13	Which one of the following compounds is known as tertiary alcohol?	A. 1-Propanol B. 2-methyl-1 propanol C. 2-propanol D. 2-methyl-2-propanol
14	Which one of the following compounds act as catalyst when alcohols react with carboxylic acids.	A. Pt B. Conc. H2SO5 C. Conc HNO3 D. Ni
15	Which of following compound is solid and room temperature?	A. Ethanal B. Phenol C. Butane D. Methanol
16	Relation of water with quick lime result in the rise in the temperature of the system using the concept of energy change, indicate the nature of the reaction?	A. Endothermic reaction B. Third order reaction C. Exothermic reaction D. Non spontaneous reaction
17	While finding the relative atomic mass, which of the following standard is used to compare the atomic mass of chlorine.	A. Carbon-12 B. Neon -20 C. Carbon -13 D. Nucleon number
18	Which compound is obtained by the elimination of bromopropane?	A. Propene B. Ethene C. Propane D. Butane
19	Which one will be act as a strong acid.	A. Dichloroethanoic acid B. Emanoic acid C. Chloroethanoic acid D. Trichlorothanoic acid
20	Select one which is alcohol	A. CH3-CH2-OH B. CH3COOH C. CH3-O-CH3 D. CH3-CH2-Br