

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following waster material is not recycled for use again	A. paper B. plastic C. hides of animals D. glass
2	Which element of group V-A and VII-A does not use d-orbital?	A. Nitrogen B. Sulphur C. Arsenic D. Chlorine
3	Ground and surface waters are contaminated and become polluted due to the human activity. Which human activity will not cause water pollution	A. live stock wasteB. agricultural pesticidesC. oil beaks and spillsD. all of the above
4	Stability of Cu-metal is due to filled of d-orbital	A. Half B. Completely C. Partially D. Quarterly
5	Chlorofluorocarbon, CF_2CI_2 , plays an effective role in removing O_3 (ozone) in the stratosphere. Which reaction does not cause the depletion of ozone	
6	IUPAC name of alanine is.	A. 2-aminopropanoic acid B. 2- aminoethanoic acid C. 2-aminobutane-1,4 choleric acid D. 2-aminobutanoic acid
7	Addition of unsymmetrical reagent to an unsymmetrical alkene is governed by	A. Cannizzaro's Reaction B. Aldol Condensation C. Kirchhoff Rule D. Markownikov's Rule
8	All the metal shine when they are freshly cut The reason is	A. the conductivity of the metal is increased B. the process of cutting gives energy to the metal atoms C. the electrons become less delocalized according to valance bond theory D. the electrons are excited at high energy levels and emit the photons when they fall back
9	Molten lead and lead (II) bromide both conduct electricity. Which one of the following statements relating to this is true?	A. Both undergo chemical change when they conduct B. Both conduct by the movement of charge particles C. Both will also conduct in the solid state D. Both contain mobile electrons
10	Methyl cyanide, on boiling with mineral acids yield	A. Acetic acid B. Formic acid C. Propanoie acid D. Butanoic acid
11	In a given system, water and ice are in equilibrium, if the pressure is applied to the above system then	A. Morc ice is formed B. Amount of ice and water will remain the same C. more ice is melted D. both A and B
12	Octyl acetate has the flavor of	A. Orange B. Pineapple C. Banana D. Apple
13	In the woody parts of trees, the % age of cellulose is.	A. 50% B. 10% C. 30% D. 100%
		A. 6.03 x 10 ²⁴

14	Choose the correct option regarding number of particles associated with one mole of a substance.	B. 6.01 x 10 ¹⁹ C. 6.02 x 10 ²¹ D. 6.02 x 10 ²³
15	The reaction of formaldehyde with HCN is	A. Nucleophilic substitution B. Electrophilic substitution C. Nucleophilic addition D. Free radical addition
16	Which factor is helping to reduce the environmental pollution	A. Urbanization B. Industrialization C. Increase of plantation D. Rapid growth of population
17	TiCl4 is used as catalyst for manufacture of	A. Sulphuric acid B. Plastics C. Ethanol D. Tetraethyl lead
18	Organic pollutants in water are measured by	A. DO B. COD C. Water logging D. PH
19	The most abundant protein in the human body is	A. Collagen B. Keratin C. Myosin D. Albumin
20	Which factor is helping to reduce the environmental pollution:	A. urbanization B. industrialization C. increases of plantation D. rapid growth of population