

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Hardness of diamond is attributed to the	A. strength of the ionic bonds in the structure B. three-dimensional network of covalent bonds C. three-dimensional network of covalent bonds D. absence of valence electrons in carbon atoms
2	For reaction of methane and chlorine light is not available then	A. Reaction will take place rapidly B. No Reaction take place C. Reaction occurs at double the rate D. May all cases occur
3	Halogen are being used as fire extinguisher, mild antiseptic, CFCs and many other organic chemicals. Which of the following halogen is used to kill the bacteria in drinking water.	A. Bromine B. Fluorine C. Chlorine D. lodine
4	Which one of the following is used as coagulant for purification potable water	A. Copper sulphate B. Alum C. Barium sulphate D. Nickel sulphate
5	Macromolecular hypothesis acceptance due to efforts of standinger came about in:	A. 1910 B. 1920 C. 1930 D. 1940
6	Dehydrogenase is an erample of	A. Transferase B. Hydrolase C. Lyase D. Oxido-reductase
7	Chemical like Al ₂ (SO ₄) or alum are used in purification of water druing step:	A. aeration B. coagulation C. chlorination D. treatment
8	Detergents are	A. synthetic products B. natural products C. both a and b D. none of the above
9	The species which are produced by heterolytic bond breaking and can act as electron pair donor	A. Free radicals B. Cations C. Nucleophiles D. electrophile
10	Which one of the following will react with bothethand and ethanoic acid at room temperature	A. CaCO3 B. CuO C. Na-metal D. CH3OH
11	Abumins and globulins are defined as	A. Derived protein B. Conjugated protein C. Fibrous protein D. Simple Protein
12	When light is exposed to transtion element, then electrons jump from lower orbitals to higher orbitals in	A. Orbitals of s-subshell B. Orbitals of d-subshell C. Orbitals of p-subshell D. between different shells
13	Carboxylic acids reacts with sodium carbonate, & gas evolved in this reaction	A. CO2 B. H2 C. CO D. Beth a Sampib
14	Which not a method for solid waste management>	D. Both a & D. Bot
		b. Notic of triese

15	The existence of an element in more than one form is called	A. allotropy B. isomorphism C. polymorphism D. isotropy
16	Polysaccharides are	A. PolyesterB. PolyamidesC. Poly ethersD. Polynucleotide
17	An ideal gas, obeying Kinetic theory of gases cannot be liquified, because	A. its critical temperature is above 0°C B. its molecules are relatively small in size C. It solidifies before becoming a liquid D. Forces acting between its molecules are negligible
18	Ethane when completely halogenated in excess of chiorine can form	A. Hexachloroethane B. Dichloroethane C. Pentachloroethane D. 1.1.2.2-terachloroethane
19	The optimum pH value for the enzyme pepsin is	A. 10 B. 1.4 C. 8 D. 6
20	Polymerisation of vinyl acetate is a type of:	A. homopolymer B. copolymer C. ter polymer D. All of these