

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	The oxidation state of carbon in C2O-²4 is	A. +4 B4 C. +3 D. +2
2	Most reactive among the following	A. Li B. Mg C. Ca D. Na
3	Which of the following compound shows the geometrical isomerism	A. 2-butene B. 2-butyne C. 2-butanol D. Butanol
4	99.5% mass of lithosphere is made of	A. 03 elements B. 8 elements C. 11 elements D. 15 elements
5	Benzene reacts with Ethyl chloride in presence of AlCls to give	A. Benzalchloride B. Benzyl chloride C. Ethyl benzene D. Benzotrichloride
6	Formalin contains% alcohol.	A. 37 B. 80 C. 8 D. 52
7	The suspended particles in the raw water can be removed by the	A. Coagulation B. Aeration C. Hydration D. Dehydration
8	On hydrolysis sucrose gives:	A. glucose and maltose B. fructose and lactose C. fructose and maltose D. glucose and Fructose
9	Which of the following reactions are usually slow?	A. Neutralization of acids and bases     B. Displacement Reactions     C. Organic substitution reaction     D. Free radical reactions
10	Which behaves as insulator for animals body?	A. Carbohydrates B. Proteins C. Fats D. Skin
11	Vegetable oil are	A. unsaturated fatty acids     B. glycerides of unsaturated fatty acids     C. glycerides of saturated fatty acids     D. essential oil obtained from plants
12	The root mean square velocity of a gas is doubled when the temperature is	A. reduced to half. B. reduced to one-fourth C. increased four times D. increased two times
13	Amides are	A. Strongly basic B. Weakly basic C. Acidic D. Strongly
14	The energy from ultraviolet light is sufficient to break the bonds in CCI,F	A. CI-CI B. C-CI C. CI-F D. C-F
15	The scope of environmental chemistry is to study:	A. Source of chemicals     B. Transportation of chemicals     C. Transportation of toxic chemical

		D. All of these
16	The molecular mass of a polymer is obtained by multiplying mass of the monomer unit with the degree of polymerization, The degree of polymerization of PVC is 1000. What is molecular mass?	A. 65000 B. 63000 C. 62000 D. 60000
17	Structure of CrO4(-2) is'	A. triclinic B. cubic C. octahedral D. tetrahedral
18	HOCI is a compound:	A. Polor inorganic B. organic C. lonic D. covalant
19	In NO3 the oxidation number of N is.	A. +5 B. +2 C. +3 D3
20	d-d transition cannot be shows by	A. Cu+1 B. Sc+3 C. Zn+2 D. All