

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following is correct for epoxy resin	A. Coating material for thermal power stations B. It give chemical resistance C. Epichlorohydrin is monomer D. All of these
2	Which of the following carbohydrates is used in silvering of mirrors	A. Sucrose B. Cellulose C. Fructose D. Glucose
3	Ethene can give all of the following reactions except	A. Addition B. Free radical substitution C. Hydrohalogenation D. Hydration
4	When 1-butene reacts with bromine, the product formed will be	A. 1, 3-dihydroxy butane B. But-1, 2-diol C. 1, 3-dihydroxy butan-diol D. 1,2-dibromo butane
5	The normal amount of overhead ozone is about in DU:	A. 150 B. 250 C. 350 D. 450
6	All of the following are aliphatic amino acids except	A. Glycine B. Alanine C. Proline D. Lysine
7	Which of the following is not an electrophilic substitutional reaction of benzene?	A. Free radical chlorination of benzene B. Friedel Craft alkylation C. Sulphonation D. Nitration
8	Glyoxal molecule has?	A. two carbonyl groups B. One aldehydic and one carbonyl group C. Two aldehydic groups D. Two carboxyl group
9	Compounds having -CN group are called as	A. Cyano compounds B. Nitro compounds C. Carbon nitrogen compounds D. Nitriles
10	Ozone layer is	A. 25 - 28 km high B. 26 - 29 km high C. 24 - 27 km high D. 20 - 28 km high
11	Carbon-Carbon double bond length in C <sub>3</sub> H <sub>6</sub>	A. 154 pm B. 134 pm C. 120 pm D. 105 pm
12	Baeyer's reagent is mixture of	A. HCl & ZnCl B. Aqueous bromine C. Alkaline KMnO <sub>4</sub> D. Mix of Br <sub>2</sub> & KMnO <sub>4</sub>
13	Down the group acid base behavior of metallic oxides of group 2 elements changes to .	A. More basic B. No change C. Less basic D. More acidic
14	Water is purified by:	A. Filtration B. aeration C. coagulation D. All of these
		A. 0.99A° B. 0.99A° C. 0.99A° D. 0.99A°

15	C-H bond length in the benzene is	B. 1.09Å C. 1.12Å D. 1.34Å
16	Choose the chief air pollutant among the following which depletes ozone layer:	A. carbon monoxide B. carbon dioxide C. chlorofluorocarbons and nitrogen oxides D. sulphur dioxide
17	Which step is unnecessary for purification of water for drinking purposes	A. aeration B. coagulation C. treatment with chlorine D. treatment with iodine
18	One of the following is neutral amino acid	A. Arginine B. Lysine C. Glutamine D. Valine
19	Atmosphere consists of gasses:	A. N <sub>2</sub> B. O <sub>2</sub> C. Ar D. All
20	Rigid rocky crust earth upto a depth of 100 km is called:	A. Atmosphere B. Hydrosphere C. Lithosphere D. All of these