

## MDCAT Chemistry Online Test

0	Outstand	Annuary Ohni
Sr	Questions	Answers Choice
1	Which one of the following is used as a typical catalyst for catalytic cracking.	A. C Mixture of SiO2 and Ni B. Mixture of Pt and Cu C. Mixture of Fe and MgO D. Mixture of SiO2 and Al2O3
2	Industrial materials and thermal power stations are coated by	A. PVC B. Polyester C. Epoxy resin D. PVA
3	If Kc value is small then equilibrium position will shift	A. Towards left B. Remains unchanged C. Towards right D. It is always constant value
4	Elimination of molecular reactions usually obey:	A. first order kinetics B. second order kinetics C. third order kinetic D. zero order kinetic
5	An electron with drawing group attached to e-position in phenol	A. makes it basic B. Stabilises the phenoxide ion C. decreases its basicity D. allows it to precipitate in aqueous solution
6	Type of bond between nitrogen and carbonyl group	A. Hydrogne bonds B. Covalent bond C. Peptide bond D. Disulphide bond
7	Which of the following decides the reactivity of alkyl halides?	A. C-C bond strength B. C-H bond strength C. C-X bond strength D. Electronegativity difference
8	Example of non-protein amino acid	A. Alanine B. Citrulline C. Phenylalanine D. Leucine
9	Which one of the following polymer is called as Nylon 6,67	A. Polyester B. Polyvinyl chloride C. Polyemide D. Polyvinyl acetate
10	Only those metals can replace Hydrogen from dilute acids, which have	A. High negative reduction potential B. Low negative reduction potential C. High positive reduction potential D. low positive reduction potential
11	On adding NH3 to water	A. lonic product will increase B. [H3O+] will increase C. lonic product will decrease D. [H3O+] will decrease
12	Which one of the following is co-polymer	A. PVC B. PVA C. Polystyrene D. Terylene
13	Which one of the followings is resistant to oxidation under normal conditions	A. Methyl alcohol B. Acetaldehyde C. Ethyl alcohol D. Acetone
14	Sponification number of a fat which requires 178,000 mg of KOH for saponification is (mol wt = 1240)	A. 120 B. 143 C. 208 D. 210
15	Choose the correct option regarding number of particles associated with one mole of a substance.	A. 6.03 x 10 <sup>24</sup> B. 6.01 x 10 <sup>19</sup> C. 6.02 x 10 <sup>21</sup>

		D. 6.02 x 10 <sup>23</sup>
16	When HCl gas is passed through saturated solution of rock salt, the solubility of NaCl	A. Increases B. May increase or decrease C. Decreases D. None of these
17	Formic acid is obtained from red out by:	A. Distillation B. Crystallization C. Filtration D. Sublimation
8	Catalyst used for ammonia synthesis is	A. Cu B. Co C. Zn D. Fe
9	Water is purified by:	A. Filtration B. aeration C. coagualation D. All of these
20	Which one increases by common ion effect except?	A. Crystallization     B. Solubility     C. Association of ions     D. All of these