

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Fe+2 is the co-factor for	A. Chrome oxidase B. Glucose-6-phosphatase C. Carbonic anhydrase D. Hydrolase
2	Which of the following is Homopolymer	A. Polyvinyl acetate B. Acrylic resin C. Polyester resins D. Both A and C
3	Which one of the following is a water soluble vitamin	A. Niacin B. Riboflavin C. Trypsin D. Ascobic acid
4	Aspartic acid is a (an)	A. Monoamino dicarboxylic acid B. Diamino Monocarboxylic acid C. Aromatic amino acid D. Imino acid
5	Which behaves as insulator for animals body?	A. Carbohydrates B. Proteins C. Fats D. Skin
6	An example of simple protein is	A. lipoprotein B. Cholesterol C. lecithin D. globulin
7	Liquid in the container have temperature 70 C. What will be the temperature in Kelvin Scale?	A. 203 K B. 350 K C. 343 K D. 300 K
8	Substituted phenyl group are called	A. Arene groups B. Alkyl groups C. Aryl groups D. Acyl groups
9	Methyl butyrate has an smell of:	A. apple B. pine apple C. banana D. winter green br>
10	Starch gives color with iodine:	A. blue B. red C. yellow D. green 
11	Plaster of Paris is obtained from	A. marble B. bauxite C. gypsum D. limestone
12	What is the correct relation between pH and pK?	A. pH = PKa + log [acid/base] B. pH = Pka -log [acid/base] C. pH = pKa - log [base/acid] D. pH = pka -log [base/acid]
13	Monohalo derivatives of alkanes are called:	A. two glucose molecules B. alkyl halide C. alkenes D. imide Cr>
14	pi-bond can be formed by sideways overlap of	A. s-orbital B. d-orbital C. p-orbital D. sp orbital
15	Which of the following is not glyceride	A. Soap B. Phospholipids C. Oil D. Fat

6	Geometry of NH3 is	A. <sup>Tetrahedral</sup> B. Square planer C. Pyramidal D. Linear
7	which one pair has the same oxidation state of-Fe?	A. FeSO4 and FeCl4 B. FeCl4and FeCl3 C. FeSO4 and FeCl2 D. Fe2(SO4)3 and FeSO4
8	The standard electrode potential of hydrogen is arbitrarily taken at 298 K is	A. 1.00 volt B. 0.00 volt C. 10.0 volt D. 0.10 volt
9	State of hybridization of carbon in the carbocation is	A. sp3 B. sp C. sp2 D. dsp2
0	Oils and fats belong to the class of	A. Alcohols B. Hydrocarbons C. Acids D. Esters