

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Which of the following is a macronutrient?	A. Boron B. Iron C. Copper D. Copper D. Carbon
2	Reaction of ethyl bromide with ammonia	A. <div>Completes in a single step</div> <div><div><div><div> B. Completes in two steps C. Continues till N is left with no lone pair D. is reversible</div></div></div></div>
3	All of the following are simple proteins except	A. Histones B. Albumin C. Keratins D. Glycoprotein
4	One kilo calorie is equal to	A. 4.184J B. 1000J C. 4184J D. 1kJ
5	The formation of PVC from vinyl chloride is an example of	A. subtsitution reaction B. addition polymerization C. condensation polymerization D. condensation reaction
6	Sex harmones belong to a group of organic compounds called:	A. heterocyclics B. steroids C. amino acids D. amines b. amines C. amines D. amines D. amines D. amines D. amines
7	Which not a method for solid waste management>	A. Landfill B. Incinerating C. Recycling D. None of these
8	One of the following is not type of polymer	A. homopolymer B. copolymer C. heteropolymer D. terpolymer
9	Which woody raw material is used of the manufacture of paper pulp?	A. cotton B. bagasse C. poplar D. rice straw
10	In a group, the atomic radii from top to bottom	A. increase B. decrease C. don't change D. show variable trend
11	Surface and ground water sources are contaminated by various human activities. Which of the following is not human activity that causes contamination in fresh water	A. Live stock waste B. Oil leaks and spills C. Desposal of industrial effluents D. Rain
12	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
		A Solid

13	A fat with 18 carbon & no double bond will be	B. Liquids C. Gel like D. None
14	The number of reacting molecules whose concentration change during reaction is called	A. Activated molecule B. Rate of reaction C. Order of reaction D. half-life
15	In the esterification, first attack is due toon carborylic acid	A. Hydrogen ion B. Alcohols C. Water D. All
16	Why is it necessary to distill aldehyde formed from oxidation of primary alcohol through acidified potassium dichromate (VI) solution or acidified sodium dichromate (VI) solution.	A. Aldehyde formed may be oxidised further to carboxylic and concerned B. Aldehyde formed may react with primary alcohol the original reactant C. Aldehyde formed may be oxidised further to a ketone D. Aldehyde formed is unstable and decomposed back to original precuser, ie. primary alcohol
17	Starch gives color with iodine:	A. blue B. red C. yellow D. green Creater
18	Usually the % of moisture in paper is:	A. 13% B. 68% C. 46% D. 5%
19	Born-Haber cycle is an application of	A. Hess's law B. 1" law of thermodynamics C. Avogadro's law D. 1law of thermochemistry
20	Peroxyacetylnitrate (PAN) is an irritant to human beings and it affects:	A. Eyes B. Ears C. Stomach D. Nose