

MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Which one of the following is water soluble vitamin?	A. Niacin B. Riboflavin C. Trypsin D. Ascorbic acid
2	What is effect of polluted air on enviroment:	A. Ozone B. Global warming C. Acid rain D. Smog
3	Which one of the following is a water soluble vitamin	A. Niacin B. Riboflavin C. Trypsin D. Ascorbic acid
4	When gaseous chemicals are transported y road or by rail they are classified as follows: flammable non-flammable poisonous which gas is poisonous:	A. butane B. non-flammable C. hydrogen D. sulphur dioxide
5	The conc.of dissolved molecular oxygen in water which act as the most important oxidizing agent ranges from:	A. 2ppm- 6ppm B. 4ppm--8ppm C. 2ppm--- 4ppm D. 2ppm --3ppm
6	In the body, carbohydrates are broken down into	A. Glucose B. Fatty acids C. Amino acids D. Nucleic acid
7	Cellulose does:	A. Satisfy human appetite B. Stimulates intestinal peristalsis C. Fives fibre and bulk to the food D. All of these
8	Helical structure of protein is stabilized by	A. Peptide bond B. Dipeptide bond C. Van der wall's forces D. Hydrogen bonding
9	Dichlorodifluoromethane, CC/2F2 has been used in aeroso propellants and as a refrigerant. Which statement helps to explain why dichlorodifluoromethane is chemically inert ?	A. The carbon-fluorine bond energy is large B. The carbon-fluorine bond has a low polarity C. Fluorine is highly electronegative D. Fluorine compound are non-flammable
10	Which of the following activates phosphatase enzyme	A. Ca²⁺ B. K⁺¹ C. Mg²⁺ D. Zn²⁺
11	Zwitterion is formed by	A. Lysine B. Benzoic acid C. Aniline D. Acetamide
12	In many countries plastic waste is collected separetaly and sorted.Some of this is incinerated to provide heat for power stations. Why is pvc polyvinylchloride,removed from any waste that is to be incinerated?	A. It can be melted down and re-used B. its combustion products are harmful C. it destroys the ozone layer D. it does not burn easily
13	Plastic toys are	A. Copolymer B. Thermoplastic polymer C. Thermosetting polymer D. Homopolymer
14	Which substances do not react immediatly with bromine water	A. Wthane B. Benzene C. Ethene D. Ethane

		D. Phenol
15	Which of the following brings about the conversion of starch into maltose?	A. maltase B. zymase C. diastase D. invertase
16	The protein which only yield amino acids and their derivatives	A. Simple proteins B. Complex proteins C. Derived protein D. All of these
17	Irreversible precipitation of protein caused by heating is called	A. Polymerization B. Denaturing C. Inversion D. Co-angular
18	Which is not an enzyme	A. Transverses B. Lipase C. Lyase D. None of these
19	Coenzymes are the species which increase the activity of enzymes. They are chemically	A. Metal ions B. non-metals C. Organic acids D. Organic bases
20	beta-D-glucose is a monomer for	A. Starch B. Cellulose C. Glycogen D. Protein