

MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Which one of the following substances is a synthetic polyester?	A. cotton B. nylon C. rayon D. terylene
2	The formation of PVC from vinyl chloride is an example of	A. substitution reaction B. addition polymerization C. condensation polymerization D. condensation reaction
3	A chemical inert and heat resistant plastic, that is made from tetrafluoroethylene, is called	A. teflon B. PVC C. Bakelite D. polyamide
4	The basic difference between synthetic and natural fertilizer is in their	A. raw material B. crop application C. usage D. shapes
5	Terylen fibre is made by reaction of terephthalic acid with	A. ethylene B. ethylene glycol C. glycol D. terylene
6	Nylon 6 6 is prepared by the reaction of hexamethylene with	A. formic acid B. acetic acid C. adipic acid D. none of these
7	The fibre which is obtained from naturally occurring protein is called	A. saran B. azlon C. rayon D. nylon
8	Which of the following is a thermosetting plastic?	A. PVC B. polyethylene C. polystyrene D. melamines
9	The substances which soften the polymer are called	A. stabilizers B. plasticizers C. retarders D. pigments
10	The fibre which contains polymers of vinylidene chloride as fibre forming substance is known as	A. saran fibre B. nylon C. polyester D. acetate fibre
11	Cotton is an example of	A. animal fibre B. mineral fibre C. vegetable fibre D. synthetic fibre
12	Which of the following are thermoplastic materials?	A. PVC B. polystyrenes C. polyethylene D. all these
13	What is not true about DNA?	A. it preserves genetic information B. Synthesizes protein C. it has a linear structure D. To replicates
14	RNA is a polymer of a nucleotide which consist of three components. Which one is not the component in the nucleotide of an RNA	A. D-Ribose B. wracil base C. prospate group D. thyamine base
15	DNA is a polynucleic acid. The monomer is known as a nucleotide. What is not the component of the nucleotide	A. Phosphate group B. Deoxy ribose sugar C. Uracil base D. Adenine base

16	Enzymes catalyse all biological reactions occurring in the cell. What is true about an enzyme?	A. Enzyme is a small molecule B. Enzyme is acidic in nature C. Enzyme is a protein D. Enzyme is a lipid
17	There are 20 amino acids found in protein which is not the property of these amino acids	A. They are all alpha-amino acids B. They are all optically active C. They have high decomposition point D. They are water soluble
18	Which functional group is present in glycerol tristearate	A. Carboxylic acid B. Alcohol C. Aldehyde D. Ester
19	A nucleoside may be	A. Ribonucleoside B. Deoxyribonucleoside C. Both a and b D. None
20	The proteins which are derived by conjugated proteins are called as	A. Simple protein B. Complex protein C. Derived protein D. None