

## MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	In macromolecules DP stands for	A. Dissociation parameter B. Dissociation polymer C. Degree of polymerization D. None of these
2	A polymer may be	A. Linear B. Branched C. Cross linked D. All of these
3	Macromolecules or polymers are large molecules built up from small molecules called monomers. This hypothesis put forward by	A. schrodixger B. standinger C. Lewsi D. newton
4	Steroids belong to the family of	A. Protein B. Enzyme C. Lipids D. Carbohydrates
5	In the body, carbohydrates are broken down into	A. Glucose B. Fatty acids C. Amino acids D. Nucleic acid
6	Digestion of carbohydrates begins in the	A. large intestine B. Small intestine C. Duoderium D. Buccal cavity / mouth
7	On hydrolysis sucrose gives	A. Glucose and maltose B. Fructose and lactose C. Fructose and maltose D. Glucose and fructose
8	Monosacharide belong to the group	A. Fats B. Carbohydrates C. Lipids D. Proteins
9	Daily protein intake for normal adults should be	A. 0.2 g/kg B. 0.5 g/kg C. 0.8 g/kg D. 1.1 g/kg
10	The energy produced by a carbohydrate is	A. 3 kcal/gm B. 2 kcal / gm C. 6kcal / gm D. 4 kcal/ gm
11	Benedict solution gives a positive test with	A. Glucose B. Fructose C. Sucrose D. Starch
12	In cyclic structure of glucose when the position of atoms on Carbon 1 is altered one isomer changes to other. These isomers of glucose are called	A. Annomers B. Position isomers C. Meta-mess D. Cis-trans isomers
13	One gram of carbohydrate yields energy	A. 10 kcal B. 100 kcal C. 4 kcal D. 9 kcal
14	A molecule of polysacharide on hydrolysis produces molecules of monosacharide	A. 2 - 10 B. 3 C. 10 D. 2
15	Keratomalacia is caused due to the deficiency of vitamin	A. A B. K C. B D. D

16	Which one of the following organic acids is made from methanol	A. Propanoic acid     B. Butanoic acid     C. Formic acid     D. Acetic acid
17	A complete food contains at least	A. Three nutrients B. Ten nutrients C. Six nutrients D. Ten nutrients
18	Which substances do not react immediately with bromine water	A. Wthane B. Benzene C. Ethene D. Phenol
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	The optimum pH value for the enzyme pepsin is	A. 10 B. 1.4 C. 8 D. 6