

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	Glucose forms a polymer which is stored in liver the name of this polymer is:	A. glycogen B. starch C. cellulose D. amylose
2	Coenzymes are the species which increase the activity of enzymes. They are chemically:	A. metal ions B. none - metals C. organic acids D. organic bases
3	Third structure of protein structure refers to	A. Number and sequence of amino acids B. Three dimensional structure of protein C. Proteins formed of more than one monomer D. Bending of protein molecule
4	Fatty acids are:	A. Aliphatic mono-carboxylic acids B. Di-carboxylic acids C. Tri-carboxylic acids D. Tetra carboxylic acids E. Poly carboxylic acids
5	On hydrolysis sucrose gives:	A. glucose and maltose B. fructose and lactose C. fructose and maltose D. glucose and Fructose
6	Carboxylic acid having more than one carboxyl group are called:	A. Mono-carboxylic acid B. Di-carboxylic acid C. Tri-carboxylic acid D. Poly carboxylic acid
7	Tertiary structure of proteins involves EXCEPT	A. Domains B. Globular C. Fibrous D. Beta sheets
8	Which of the following is most found in protein molecule	A. Carbon B. Hydrogen C. Oxygen D. Nitrogen
9	Keratomalacia is caused due to the deficiency of vitamin:	A. A B. B C. K D. D
10	The optimum pH value for the enzyme "Pepsin" is:	A. 2 B. 8 C. 10 D. 1.4
11	Saponification is the hydrolysis of fats or oil with an/a:	A. enzyme B. metallic ion C. acid D. alkali
12	Butyric acid was named from butyrum means:	A. Red out B. Vinegar C. Butter D. Milk
13	A molecule of polysaccharide on hydrolysis produces _____ molecules of monosaccharides:	A. many B. Few C. 2-10 D. 100
14	NO. of naturally occurring amino acids is	A. 10 B. 20 C. 30 D. 40

15	Starch gives _____ color with iodine:	A. blue B. red C. yellow D. green
16	Macromolecules or polymers are large molecules built up from small molecules known as monomers. This hypothesis put forward by:	A. Newton B. Schrodinger C. Lewis D. Stadinger
17	An amino acid exists in the form of Zwitter-ion Which has:	A. one - ve charge B. one + ve charge C. two + ve charges D. one + ve and one -ve
18	Which one of the following is not type of polymer:	A. copolymer B. homopolymer C. terpolymer D. heteropolymer
19	Amino acids ionize in water to form	A. Zwitterion B. Internal salt C. Dipolar ion D. All of these
20	The reaction between fat and NaOH is called:	A. esterification B. hydrogenolysis C. fermentation D. saponification