

MDCAT Chemistry Chapter 19 Amino Acids Online Test

Sr	Questions	Answers Choice
1	A maltose molecule is formed by the combination of:	A. two glucose molecules B. one glucose and one fructose C. molecule D. one glucose and one galactose
2	In which of these processes are small organic molecules changed into macromolecules?	A. the fractional distillation of crude oil B. the cracking of petroleum fractions C. the hydrolysis of proteins D. the polymerization
3	Which of these polymers is a synthetic polymer?	A. animal fat B. starch C. cellulose D. polyester
4	Hydrolysis of alkyl nitriles gives:	A. Alkane B. Alkyl halide C. Alkyl nitride D. Minerals acids & Alkalies
5	First order of protein structure refers to	A. Bending of protein chain B. Number and sequence of amino acids C. Three dimensional structure of protein D. Site of disulfide bonds
6	Formic acid is obtained from red out by:	A. Distillation B. Crystallization C. Filtration D. Sublimation
7	A polymeric substance that is formed in the liquid state and then hardened to a rigid solid is called:	A. fiber B. plastic C. varnish D. polyamide resin
8	Glycine is characterized by	A. Absence of an asymmetric carbon B. Absence of optical activity C. The shortest amino acid D. All of these
9	Nihydrin reacts with amino acid to give product of	A. Bluish color B. Violet color C. Bluish violet color D. No color
10	Palmitic acid & stearic acid are obtained from process of fats & oils:	A. Reducing B. Neutralization C. Oxidation D. Hydrolysis
11	Lecithin is an example of:	A. A simple lipid B. Phospholipids C. Waxes D. Proteins
12	A protein rich in proline and hydroxy proline is	A. Globin B. Collagen C. Casein D. Histone
13	Plasma proteins are separated by	A. Dialysis B. Electrophoresis C. Filtration D. Alcohol precipitation
14	Polvoentides are formed from amino acids by	A. Oxidation B. Addition C. ... D. ...

		C. Condensation D. Reduction
15	Denaturation of protein means the structure of protein is disrupted indicate which factor does not denature protein	A. oxidizing agent B. heat protein C. keeping pH 7.35 D. pH changes
16	The reaction between fat and NaOH is called:	A. esterification B. hydrogenolysis C. fermentation D. sponification
17	The development of industries was a direct result of which major factor	A. population B. living standards C. depletion of resources D. all of these
18	The word paper is derived from the name of which reedy plant	A. rose B. sun flower C. papyrus D. water hyacinth
19	Lactic acid is buffered by	A. L. Carnosine B. Glutathione C. Casenogin D. Dopa
20	Cholesterol is a precursor of steroid hormones, Choose the class of steroid:	A. a carbohydrate B. a hydrocarbon C. a natural lipid D. a protein a hydrocarbon