

MDCAT Chemistry Chapter 19 Macromolecules Online Test

Sr	Questions	Answers Choice
1	An amion acid exists in the form of Zwitter-ioin which has:	A. one + ve charge B. one - ve charge C. one +ve and -ve charge D. two +ve charge
2	Glucose is a:	A. ketohexose B. aldohexose C. meonosacharide D. 'b' and 'c' b' and 'c' A. ketohexose b' and 'c' C. meonosacharide b' and 'c' C. meonosacharide
3	Choose an addition polymer among the following:	A. terylone B. nylon 6,6 C. polystyrene D. epoxy resin br>
4	Water soluble and cyrstalline carbohydrrates are:	A. monosacharides B. obiligoseacharides C. polysacharides D. a and b
5	Sponification is the hydrolysis of fast or fats or4 oils with an/a:	A. acid B. alkali C. enzyme D. metallic ion br>
6	Which woody raw material is used for the manufacture of paper pulp?	A. cotton B. bagasse C. poplar D. rice staw
7	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
8	Rancidification of fast and oils is due to:	A. hydrolysis reaction b. oxidation reaction c. both a and b br>b. hydrogenation reaction br>
9	Chloroethene, CH ₂ = CHC/ is the monomer of PVC. What are the C-C-C bond angles along the polymeric chain in PVC?	A. They are all 109.5° B. half are 109.5° and half are 120° C. They are all 120° D. They are all 180° b. They are all 180° C. They are all 180° D. They are all 180°
10	Which of the following represents peptide linkage	AC=N- BCO-NH- CCH ₂ -NH- DCH-NH-
11	Rancidification of facts and oils is due to:	A. oxidation reaction B. hydrolysis reaction C. both a and b D. hydrogenation reaction both = both = bot
12	Aldehydes are easily oxidized to corresponding carboxylic acids in the presence of:	A. Strong oxidizing agents B. Highly strong oxidizing agents C. Tollen's reagent D. Tollen's reagent and Fehling solution
13	The buffering property of proteins is due to the presence of	A. Acidic and basic group B. Hydrogen bonds C. Indole group D. Hyrophobic
14	In the body carbohydrates are broken down into:	A. glucose B. fatty acids C. amino acids D. nucleic acid
15	Methyl butyrate has an smell of:	A. apple B. pine apple C. banana D. banana D. banana C. banana D. banana

		D. winter green
16	Sex harmones belong to a group of organic compounds called:	A. heterocyclics B. steroids C. amino acids D. amines D. amines
17	Albumins and globulins are defined as	A. Derived proteinB. Conjugated proteinC. Fibrous proteinD. Globular protein
18	The optimum PH value fro the enzyme pepsin is:	A. 10 B. 1.4 C. 2 D. 8
19	Storage form of iron	A. Transferrin B. Ferritin C. Myosin D. Actin
20	Caseinogen is	A. Simple protein B. Derived protein C. Phosphoprotein D. Rich in sulfur containing amino acids