MDCAT Chemistry Chapter 19 Macromolecules Online Test

Sr	Questions	Answers Choice
1	Daily protein intake for normal adults should be:	A. 0.2g/kg B. 0.5g/kg C. 0.8g/kg D. 1.1g/kg
2	A molecule of polysaccharide on hydrolysis produces _____ molecules of monosacharides:	A. many B. Few C. 2-10 D. 100
3	Which one of the following enzymes brings about the hydrolysis of fats?	A. urease B. maltase C. zymase D. lypase
4	Amino acid α-hydroxy carboxylic acid and	A. CO₂ gas B. H₂ gas C. N₂ gas D. NH₃ gas
5	Per hydro cyclopentano phenathrene is the basic structure of all the:	A. Proteins B. vitamins C. waxes D. amines
6	Butyric acid was named from butyrum means:	A. Red out B. Vinegar C. Butter D. Milk
7	Formula of stearic acid is:	A. C₁₁H₂₃COOH B. C₁₃H₂₇COOH C. C₁₅H₃₁COOH D. C₁₇H₃₅COOH
8	Which of the following is not a carbohydrate?	A. nuclic acid B. strach C. glycoyen D. cellulose
9	Globulin is	A. A basic protein B. A protein of low molecular weight C. Heat coagulable protein D. Easily soluble in water e.A fibrous protein
10	Which one among the following is not a natural polymer?	A. protein B. cellulose C. nylon D. nucleic acid
11	Which of the following represents peptide linkage	A. -C=N- B. -CO-NH- C. -CH₂-NH- D. -CH-NH-
12	Carboxylic acid is given name by replacing "a" of alkane by:	A. "oic" acid B. "one" C. "al" D. "ol"
13	Hydrolysis of protein by 6M HCl gives peptides and then alpha-amino acids. How many alpha-amino acids molecules are obtained on the hydrolysis of a tetrapeptide	A. 2 B. 3 C. 4 D. 5
14	Enzymes that catalyse the transfer of groups within the molecules are called:	A. transferases B. isomerases C. ligases D. lyases

15	Fatty acids are:	A. Aliphatic mono-carboxylic acids B. Di-carboxylic acids C. Tri-carboxylic acids D. Tetra carboxylic acids E. Poly carboxylic acids
16	Carboxylic acid can be prepared from the reaction of Grigard's reagent with:	A. Aldehydes B. Ketones C. Formaldehyde D. CO₂
17	Benedict solution gives a positive test with but catalyze the same reaction:	A. fructose B. glucose C. starch D. sucrose
18	Choose an addition polymer among the following:	A. terylone B. nylon 6,6 C. polystyrene D. epoxy resin
19	One gram of Carbohydrate yield energy:	A. 4Kcal B. 9Kcal C. 10Kcal D. 100Kcal
20	Monosacharide belongs to the groups:	A. fats B. carbohydrates C. lipids D. proteins