

## MDCAT Chemistry Chapter 19 Macromolecules Online Test

Sr	Questions	Answers Choice
1	Macro-nutrients are required in quantities ranging from	A. 5 kg - 200 kg B. 2 kg - 100 kg C. 1 kg - 50 kg D. 10 kg - 100 kg
2	Macromolecules or polymers are large molecules built up from small m0lecules known as monomers. This hypothesis put forward by:	A. Newton B. schrodinger C. Lewis D. Stadinger Cr
3	Primary structure of proteins refers to	A. Coiling and folding in form of specific structure     B. Number of amino acids in a chain     C. 3d structure     D. Alpha and Beta sheets
4	Detergents are	A. synthetic products B. natural products C. both a and b D. none of the above
5	On hydrolysis sucrose gives:	A. glucose and maltose B. fructose and lactose C. fructose and maltose D. glucose and Fructose
6	Type of bond between nitrogen and carbonyl group	A. Hydrogne bonds B. Covalent bond C. Peptide bond D. Disulphide bond
7	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     String of the control of the c
8	Most animals can not digest:	A. starch B. cellulose C. proteins D. glucose 
9	CH <sub>3</sub> CH <sub>2</sub> COOH is also named as:	A. Propionic acid B. Propanoic acid C. Acetic acid D. Both (a) & D. Both
10	The buffering property of proteins is due to the presence of	A. Acidic and basic group B. Hydrogen bonds C. Indole group D. Hyrophobic
11	An ester is prepared by:	A. two alcohols b. carboxylic acid and alcohol c. ketone and alcohol br>b. aldehyde and alcohol cbr>
12	Glucose is a:	A. ketohexose B. aldohexose C. meonosacharide D. 'b' and 'c'
13	Lipids are naturally occurring compounds produced in cell and are water insoluble but soluble in organic solvent one of the following is not a lipid, Select among the following:	A. nucleic acid B. atriglceride C. sterol D. vitamin D
14	Lactic acid is buffered by	A. L. Carnosine B. Glutathione C. Casenogin D. Dopa
		A. 30

15	The number of paper industries in Pakistan are	B. 25 C. 35 D. 20
16	Casenogen is	A. Chromoprotein B. Phosphoprotein C. Glycoprotein D. Lipoprotein
17	Amino acids are bifunctional organic compounds what are the two function groups	A. Carboxylic acid and alcohol     B. Acohol and aldehyde     C. Carboxylic acids and ketone     D. Amino group and carboxylic acid
18	The reaction between fat and NaOH is called:	A. esterification b. hydrogenolysis c. fermentation b. sponification dr>
19	Plasma proteins are separated by	<ul><li>A. Dialysis</li><li>B. Electrophoresis</li><li>C. Filtration</li><li>D. Alcohol precipitation</li></ul>
20	Which of the following is not a carbohydrate?	A. nuclic  acid B. strach C. glycoyen D. cellulose