

MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Fumaric acid converted into malic acid in the presence of	A. Lyases B. Glyceomutases C. Fumarase D. Hydrolases
2	Which of the following activates phosphatase enzyme	A. Ca^{2+} B. K^{+1} C. Mg^{2+} D. Zn^{2+}
3	Which of the following polymer has application in paper industry	A. Starch B. Glycogen C. Protein D. All
4	Which of the following protein is used to make buttons	A. Gelatin B. Callogen C. Albumin D. Casein
5	The word "Lipids" derived from the language	A. Greek B. Latin C. German D. English
6	Most complex structure of protein is	A. Primary protein B. Secondary protein C. Tertiary protein D. Quaternary protein
7	Which of the following protein has application is food industry	A. Globulin B. Gelatin C. Casein D. All
8	Which of the following is a simple protein	A. Albumins B. Legumin C. Callogen D. All
9	Proteins are classifies into _____ classes based on physic-chemical properties	A. 2 B. 3 C. 5 D. 9
10	Glycogen on hydrolysis give	A. Glucose B. Lactose C. Fructose D. None
11	Which of the following is correct statement about cellulose	A. It is sweet is taste B. It contain 20% amylose C. It is used in laundering D. It contains β -1-4-linkage
12	Which of the following is the element not present in all proteins	A. Carbon B. Hydrogen C. Nitrogen D. Sulphur
13	Vegetable oils are	A. Unsaturated fatty acids B. Glycosides of unsaturated fatty acids C. Glycosides of saturated fatty acids D. None
14	Plastic are pollution problem because many plastics	A. Are made from petroleum B. Are very inflammable C. Burn to produce toxic fumes D. All

D. Decompose to produce toxic product

15	The alternate name of Glucose is	A. Dextrose B. Grape sugar C. Blood sugar D. All
16	Empirical formula of monosaccharide is	A. $(\text{CHO})_n$ B. $\text{CH}_n\text{O}_{n+1}$ C. $\text{C}_n\text{H}_{2n}\text{O}$ D. $(\text{CH}_2\text{O})_n$
17	Sugar are polyhydroxy compounds of	A. Carboxylic acid B. Ketones C. Aldehyde D. Both B and C
18	General formula of carbohydrate is	A. $\text{C}_x(\text{H}_{2n}\text{O})_{y+x}$ B. $\text{C}_x(\text{H}_{2n}\text{O})_{y-1}$ C. $\text{C}_x(\text{H}_{2n}\text{O})_{y-1}$ D. $\text{C}_x(\text{H}_{2n}\text{O})_{y+1}$
19	Which of the following is correct for epoxy resin	A. Coating material for thermal power stations B. It give chemical resistance C. Epichlorohydrin is monomer D. All of these
20	Which of these polymer is synthetic polymer	A. Animal fat B. Starch C. Cellulose D. Polyester