

MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Molar mass of high molecular w.f. polymers ranges from:	A. 1000 to 10000 B. 10000 to 100000 C. 100000 to 1000000 D. 1000 to 1000000
2	Dichlorodifluoromethane, CCl_2F_2 has been used in aerosol propellants and as a refrigerant. Which statement helps to explain why dichlorodifluoromethane is chemically inert?	A. The carbon-fluorine bond energy is large B. The carbon-fluorine bond has a low polarity C. Fluorine is highly electronegative D. Fluorine compounds are non-flammable
3	Which of these is a synthetic polymer?	A. Polypeptide B. Cellulose C. Polyester D. Starch
4	A fat with 18 carbon & no double bond will be	A. Solid B. Liquids C. Gel like D. None
5	Which of the following is NOT thermoplastic?	A. PVC pipes B. Plastic toys C. Varnish D. Both A and B
6	How many zones through which charge passes in a rotary kiln.	A. 3 B. 4 C. 5 D. 6
7	Which of the following proteins has application in the food industry?	A. Globulin B. Gelatin C. Casein D. All
8	RNA is a polymer of a nucleotide which consists of three components. Which one is not the component in the nucleotide of an RNA?	A. D-Ribose B. uracil base C. phosphate group D. thiamine base
9	Newspapers can be recycled again and again by how many times?	A. 5 B. 3 C. 2 D. 4
10	The percentage of nitrogen in ammonia is:	A. 80% B. 92% C. 90% D. 50%
11	The temperature in the incineration of industrial and hazardous waste processes has a range:	A. 950 to 1300°C B. 500 to 900°C C. 250 to 500°C D. 900 to 1000°C
12	Glucose and fructose are _____ for each other.	A. Geometrical isomers B. Metamers C. Anomers D. None
13	Monosaccharides and oligosaccharides are generally called as	A. Crystal B. Sugars C. liquids D. Non-sugars
14	The concentration of dissolved molecular oxygen in water which acts as the most important oxidizing agent ranges from:	A. 2ppm - 6ppm B. 2ppm - 4ppm C. 4ppm - 8ppm D. 2ppm - 3ppm
15	Cellulose is the polymer of	A. α -D-glucose B. β -D-glucose C. Fructose D. None

16	Which is biopolymer?	A. Plastic B. Rubber C. synthetic fiber D. Lipid
17	Monosaccharides belong to the group	A. lipids B. fats C. proteins D. carbohydrates
18	Choose a point which is not included in the components of environment:	A. stratosphere B. hydrosphere C. lithosphere D. biosphere
19	Each of the following compounds is effective as a refrigerant. The release of which one of these cause the greatest depletion of the ozone layer?	A. CCl_2F_2 B. CH_3OCH_3 C. CH_3CHF_2 D. $CH_3CH_2CH_3$
20	Which of the following is used as coagulant for purification potable water?	A. Copper sulphate B. Barium sulphate C. Alum D. Nickel sulphate