

ECAT Chemistry Chapter 25 Macromolecules

Sr	Questions	Answers Choice
1	In macromolecules DP stands for	A. Dissociation parameter B. Dissociation polymer C. Degree of polymerization D. None of these
2	The group linkage present in fats is	A. Peptide linkage B. Ester linkage C. Glycosidic linkage D. None of these
3	Which of the following is fully fluorinated polymer?	A. Neoprene B. Teflon C. Thiokol D. PVC
4	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
5	Which one of the following is the most abundant organic substance found in nature	A. Fructose B. Starch C. Glucose D. Cellulose
6	Which functional group is present in glycerol tristearate	A. Carboxylic acid B. Alcohol C. Aldehyde D. Ester
7	At what pH glycine shows the structure $\text{H}_3\text{N}^+ - \text{CH}_2 - \text{COOH}$	A. 2 B. 7 C. 10 D. 14
8	Violet colour is obtained when dilute CuSO_4 is added in alkaline solution of protein. This test is known as	A. Biuret B. Xanthoproteic test C. Hopkins-cole D. All of these
9	Which of the following is a molecular diseases?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
10	Cotton has cellulose in it:	A. 96% B. 97% C. 98% D. 99%
11	The reaction between fat and NaOH is called	A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification
12	Which is the polymer that has amide linkage in its structure	A. PVC B. Poly ethene C. Polyester D. Nylon
13	What is not true about DNA	A. It preserve genetic information B. To relicates C. Synthesized protein D. It has a linear structure
14	The raw material to form nylon is	A. Adipic acid B. Butadiene C. Isoprene D. Ethylene
15	Which of the following is not present in nucleotide?	A. Guanine B. Cytosine C. Adenine D. Tryoxine

16	Which of the following is an example of ketohexose?	A. Mannose B. Galactose C. Maltose D. Fructose
17	One of the followings is not type of polymer	A. Homopolymer B. Copolymer C. Heteropolymer D. Terpolymer
18	The number of amino acids found in proteins that a human body can synthesize is	A. 20 B. 10 C. 5 D. 14
19	Which test is not given by both glucose and fructose	A. Give yellow ppt of CHI_3 with alkaline aqueous iodine B. With 2, 4-DNPH give yellow ppt of hydrazone C. Evolve H_2 gas with Na metal D. Oxidised with $[\text{Ag}(\text{NH}_3)_2] i.e. Tollen's reagent$
20	Major food factors are:	A. Fats and oils B. Carbohydrates C. Proteins D. All of these