

## ECAT Chemistry Chapter 25 Macromolecules

Sr	Questions	Answers Choice
1	Enzymes catalyse all biological reactions occurring in the cell. What is true about an enzyme	A. Enzyme is a small molecule B. Enzyme is acidic in nature C. Enzyme is a protein D. Enzyme is a lipid
2	Which of the following is not a synthetic polymer?	A. Polyethylene B. PVC C. Nylon D. Cellophane
3	Which of the following brings about the conversion of starch into maltose	A. Maltase B. Zymase C. Diatase D. Invertase
4	The temp. and pressure used for PVC polymerization is	A. 10°C and 10 atm B. 20°C and 20 atm C. 52°C and 9 atm D. 100°C and 10 atm
5	The digestion of fats in the intestines is aided by	A. Diffusion B. Protection C. Peptization D. Emulsification
6	Which of these polymers is an addition polymer?	A. Nylon-6,6 B. Polystyrene C. Terylene D. Epoxy resin
7	Cellulose does:	A. Satisfy human appetite B. Stimulates intestinal peristalsis C. Gives fibre and bulk to the food D. All of these
8	Iodine value of an oil or fat may be defined as	A. The number of grams of iodine taken up by 1 g of the oil or fat B. The number of grams of iodine taken by 10 g of the oil or fat C. The number of grams of iodine taken by 100 g of the oil or fat D. None of the above
9	Which of the following is a steroid	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin D
10	Which of the following is a water soluble vitamin?	A. Niacin B. Riboflavin C. Trypsin D. Ascorbic acid
11	Glycogen is stored in	A. Animals B. Plants C. Soil D. None of these
12	The main structure features of proteins is	A. An ester linkage B. An ether linkage C. The peptide linkage D. All
13	The monomeric units of starch is/are	A. Glucose B. Fructose C. Glucose and fructose D. Mannose
14	Poly hydroxyl compounds of aldehyde and ketones are:	A. Carbohydrates B. Proteins C. Fats D. Lipids
		A. PVC B. ...

15	A fibre which is made from acrylonitrile as monomer	B. Rayon fibre C. Acrylic fibre D. Polyester fibre
16	The other name of cross linked polymers is	A. Linear polymer B. Branched polymer C. Inter connected polymers D. None of these
17	When a nitrogenous base combine with a sugar it is called	A. Ribose B. Nucleotides C. Nucleoside D. None
18	The fiber which is made from acrylonitrile as monomer:	A. PVC B. Rayon Fiber C. Acrylic fiber D. Polyester fiber
19	Which one is a polymer compound?	A. $\text{SO}_2$ B. $\text{CO}_2$ C. $\text{CH}_4$ D. PVC
20	The reaction between fat and NaOH is called:	A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification