

## ECAT Chemistry Chapter 25 Macromolecules

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 10000000
2	In which of these processes are small organic molecules made into macromolecules?	A. The cracking of petroleum fractions B. The fractional distillation of crude oil C. The polymerization of ethane D. The hydrolysis of proteins
3	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
4	A sequence of how many nucleotides in messenger RNA makes a codon for an amino acid	A. Three B. Four C. One D. Two
5	Enzymes, in the living systems	A. Provide energy B. Provide immunity C. Transport oxygen D. Catalyze biochemical processes
6	Plastics are pollution problem because many plastics:	A. Are made from petroleum B. Are very inflammable C. Burn to produce toxic fumes D. Decompose to produce toxic products
7	Cotton is _____% cellulose	A. 90 B. 100 C. 99 D. 30
8	Naturally occurring lipids are called	A. Fats B. protein C. Steroids D. None
9	Plastics are a pollution problem because many plastics	A. Are made from petroleum B. Are very inflammable C. Burn to produce toxic fumes D. Decompose to produce toxic products
10	Which of the following has magnesium?	A. Carbonic anhydrase B. Haemocyanin C. chlorophyll D. Vitamin B <sub>12</sub>
11	Which property is not present in lipids?	A. Liquid B. Solid or semi solid C. Soluble in water D. Form emulsion
12	Which of these polymers is an addition polymer?	A. Nylon-6,6 B. Polystyrene C. Terylene D. Epoxy resin
13	When a nitrogenous base combine with a sugar it is called	A. Ribose B. Nucleotides C. Nucleoside D. None
14	Which one of the following statements of glucose and sucrose is incorrect?	A. Both are soluble in water B. Both are naturally occurring C. Both are carbohydrates D. Both are disaccharides

15	Vegetables oils are:	A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Essential oils obtained form plants D. None of these
16	Glyptal polymer is obtained from glycerol on reacting with	A. Malonic acid B. Phthalic acid C. Maleic acid D. Acetic acid
17	A polymer may be	A. Linear B. Branched C. Cross linked D. All of these
18	Orlon is a polymer of	A. Tetrafluoroethylene B. Acrylonitrile C. Ethanoic acid D. Benzene
19	Natural rubber is a polymer of	A. Butadiene B. Ethyne C. Styrene D. Isoprene
20	Synthetic polymer prepared from caprolactum is known is	A. Nylon 610 B. Teflon C. Terylene D. Nylon-6