

## ECAT Chemistry Chapter 25 Macromolecules Online Test

Sr	Questions	Answers Choice
1	Which of the following is a biodegradable polymer?	A. Cellulose B. Polyethene C. Polyvinyl chloride D. Nylon-6
2	Which of the following has ester linkage?	A. Nylon B. Bakelite C. Terylene D. PVC
3	Which is a protein?	A. Nylon B. Rayon C. Natural silk D. Terylene
4	Bakelite is a product formed from	A. Reaction of formaldehyde with phenol B. Reaction of polyethylene with phenol C. Reaction of polypropylene with acid D. It is a natural product
5	Polymer formation from monomers starts by	A. Condensation reaction between monomers B. Coordination reaction between monomers C. Conversion of monomer to monomer ions by protons D. Hydrolysis of monomers
6	A condensation polymer among the following is	A. Dacron B. PVC C. Polystyrene D. Teflon
7	Which of the following is a constituent of nylon?	A. Adipic acid B. Styrene C. Teflon D. None of these
8	Soft drinks and baby feeding bottles are generally made up of	A. Polyester B. Polyurethane C. Polyurea D. Polystyrene
9	Teflon, styron and neoprene are all	A. Copolymers B. Condensation polymers C. Homopolymers D. Monomers
10	Terylene is made by polymerization of terephthalic acid with	A. Ethylene glycol B. Phenol C. Ethanol D. Catechol
11	Which one of the following is not an example of chain growth polymer?	A. Neoprene B. Buna-S C. PMMA D. Glyptal
12	Natural rubber is a polymer of	A. Butadiene B. Ethyne C. Styrene D. Isoprene
13	Which of the following is not a synthetic polymer?	A. Polyethylene B. PVC C. Nylon D. Cellophane
14	The group linkage present in fats is	A. Peptide linkage B. Ester linkage C. Glycosidic linkage D. Ether linkage

		D. None of these
15	A sequence of how many nucleotides in messenger RNA makes a codon for an amino acid	A. Three B. Four C. One D. Two
16	Which of the following is an example of ketohexose?	A. Mannose B. Galactose C. Maltose D. Fructose
17	Two vitamins absorbed from intestine along with fats are	A. A, D B. A, B C. A, C D. D, B
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	Purine derivative among the following bases is	A. Thymine B. Uracil C. Guanine D. Cytosine
20	In fructose the possible optical isomers are	A. 12 B. 8 C. 16 D. 4
21	Violet colour is obtained when dilute $\text{CuSO}_4$ is added in alkaline solution of protein. This test is known as	A. Biuret B. Xanthoproteic test C. Hopkins-cole D. All of these
22	The prosthetic group in glycoprotein is	A. Carbohydrate B. Fat C. Vitamin D. Nucleic acid
23	An example of water soluble vitamin is	A. Vitamin D B. Vitamin E C. Vitamin A D. Vitamin C
24	Which of the following has magnesium?	A. Carbonic anhydrase B. Haemocyanin C. chlorophyll D. Vitamin B <sub>12</sub>
25	Which carbohydrates is an essential constituent of plant cells?	A. Starch B. Cellulose C. Sucrose D. Vitamins
26	DNA has deoxyribose, a base and the third component is	A. Phosphoric acid B. Ribose C. Adenine D. Thymine
27	Which of the following is not present in nucleotide?	A. Guanine B. Cytosine C. Adenine D. Tryoxine
28	The metal present in blood is	A. Al B. Hg C. Cu D. Fe
29	Copolymer is	A. Nylon-6 B. Nylon 66 C. PMMA D. Polyethene
30	Which one is a polymer compound?	A. $\text{SO}_2$ B. $\text{CO}_2$ C. $\text{CH}_4$ D. PVC