

ECAT Chemistry Online Test

Sr	Questions	Answers Choice
1	Teflon, styron and neoprene are all	A. Copolymers B. Condensation polymers C. Homopolymers D. Monomers
2	Terylene is madeby polymerization of terephthalic acid with	A. Ethylene glycol B. Phenol C. Ethanol D. Catechol
3	Which one of the following is not an example of chain growth polymer?	A. Neoprene B. Bunna-S C. PMMA D. Glyptal
4	Natural rubber is a polymer of	A. Butadiene B. Ethyne C. Styrene D. Isoprene
5	Which of the following is not a synthetic polymer?	A. Polyethylene B. PVC C. Nylon D. Cellophane
6	The group linkage present in fats is	A. Peptide linkage B. Ester linkage C. Glycosidic linkage D. None of these
7	A sequence of how many nucleotides in messenger RNA makes a codon for an amino acid	A. Three B. Four C. One D. Two
8	Which of the following is an example of ketohexose?	A. Mannose B. Galactose C. Maltose D. Fructose
9	Two vitamins absorbed from intestine along with fats are	A. A, D B. A, B C. A, C D. D, B
10	The number of amino acids found in proteins that a human body can synthesize is	A. 20 B. 10 C. 5 D. 14
11	Purine derivative among the following bases is	A. Thymine B. Uracil C. Guanine D. Cytosine
12	In fructose the possible optical isomers are	A. 12 B. 8 C. 16 D. 4
13	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
14	The prosthetic group in glycoprotein is	A. Carbohydrate B. Fat C. Vitamin D. Nucleic acid
15	An example of water soluble vitamin is	A. Vitamin D B. Vitamin E C. Vitamin A D. Vitamin C

16	Which of the following has magnesium?	A. Carbonic anhydrase B. Haemocyanin C. chlorophyll D. Vitamin B ₁₂
17	Which carbohydrates is an essential constituent of plant cells?	A. Starch B. Cellulose C. Sucrose D. Vitamins
18	DNA has deoxyribose, a base and the third component is	A. Phosphoric acid B. Ribose C. Adenine D. Thymine
19	Which of the following is not present in nucleotide?	A. Guanine B. Cytosine C. Adenine D. Tryoxine
20	The metal present in blood is	A. Al B. Hg C. Cu D. Fe
21	Copolymer is	A. Nylon-6 B. Nylon 66 C. PMMA D. Polyethene
22	Which one is a polymer compound?	A. SO ₂ B. CO ₂ C. CH ₄ D. PVC
23	Which of the following is not an example of addition polymer?	A. Polyethene B. Polystyrene C. Neoprene D. Terylene
24	Glyptal polymer is obtained from glycerol on reacting with	A. Malonic acid B. Phthalic acid C. Maleic acid D. Acetic acid
25	Among the following polymers, the strongest molecular forces are present in	A. Elastomers B. Fibres C. Thermoplastics D. Thermosetting polymers
26	Of the following which is a step growth polymer	A. Bakelite B. Polyethylene C. Teflon D. PVC
27	The product of addition polymerization reaction is	A. PVC B. Nylon C. Terylene D. Polyamide
28	Bakelite is obtained from phenol by reacting with	A. Acetaldehyde B. Acetal C. Formaldehyde D. Chlorobenzene
29	The raw material to form nylon is	A. Adipic acid B. Butadiene C. Isoprene D. Ethylene
30	Which of the following fibres are made of polyamides?	A. Dacron B. Orlon C. Nylon D. Rayon