ECAT Chemistry Chapter 25 Macromolecules Online Test

Sr	Questions	Answers Choice
1	Which of the following polymers is used for weather resistant paints	A. Arcylic resins B. Polyvinyl acetate C. Polystyrene D. PVC
2	Protein are classified into	A. Simple protein B. Complex protein C. Derived proteins D. All of these
3	The other name of cross linked polymers is	A. Linear polymer B. Branched polymer C. Inter connected polymers D. None of these
4	Which has maximum protein content?	A. Ground nut B. Cow milk C. Egg D. Wheat
5	The reagent which forms crystalline osazone derivative when treated with glucose is	A. Fehling solution B. Phenyl hydrazine C. Benedict solution D. Hydroxyl amine
6	Which functional group is present in glycerol tristearate	A. Carboxylic acid B. Alcohol C. Aldehyde D. Ester
7	A polymeric substance that is formed in the liquid state and then hardened to a rigid solid is called a:	A. Fiber B. Plastic C. Vanish D. Polyamide resin
8	Which of the following is obtained by condensation polymerization?	A. Polyethene B. Teflon C. Phenol formaldehyde resin D. Nitrile rubber
9	Vitamin A is present in	A. Liver B. Milk C. Green vegetables D. All
10	Naturally occurring lipids are called	A. Fats B. protein C. Steroids D. None
11	Enzymes are catalysts which contain other than carbon and hydrogen one other element	A. Oxygen B. Sulphur C. Phosphorus D. Iodine
12	Which of the following is a biodegradable polymer?	A. Cellulose B. Polyethene C. Polyvinyl chloride D. Nylon-6
13	The polymers which can be re-softened again and again are caled	A. Thermoplastic B. Thermosetting C. Both a and b D. None
14	Glyptal polymer is obtained from glycerol on reacting with	A. Malonic acid B. Phthalic acid C. Maleic acid D. Acetic acid
		A. Give yellow ppt of CHI₃with alkaline aqueous iodine B. With 2, 4-DNPH give yellow ppt of

15	Which teat is not given by both glucose and fructose	hydrazone C. Evolve H₂gas with Na metal D. Oxidised with [Ag(NH₃)₂]⁺i.e. Tollen's reagent
16	How is the secondary structure of protein stabilized	A. Through hydrogen bonding B. Through ionic bonding C. Through van der wall forces D. Through covalent bonding
17	$(CH_2O)_n$is general formula for	A. Monosaccharides B. Oiligosaccharides C. Polysaccharides D. None of these
18	Which is a protein?	A. Nylon B. Rayon C. Natural silk D. Terylene
19	Which of the following is a constituent of nylon?	A. Adipic acid B. Styrene C. Teflon D. None of these
20	Macromolecules or polymers are large molecules built up from small molecules called monomers. This hypothesis put forward by	A. Schrodixger B. Standinger C. Lewis D. Newton