

ECAT Chemistry Chapter 25 Macromolecules

Sr	Questions	Answers Choice
1	Which behaves as insulator for animals body?	A. Carbohydrates B. Proteins C. Fats D. Skin
2	Which of the following is fully fluorinated polymer?	A. Neoprene B. Teflon C. Thiokol D. PVC
3	Which of the following has magnesium?	A. Carbonic anhydrase B. Haemocyanin C. chlorophyll D. Vitamin B ₁₂
4	Which one is a polymer compound?	A. SO ₂ B. CO ₂ C. CH ₄ D. PVC
5	Which of these polymers is a synthetic polymer?	A. Animal fat B. Starch C. Cellulose D. Polyester
6	How is the secondary structure of protein stabilized	A. Through hydrogen bonding B. Through ionic bonding C. Through van der Waals forces D. Through covalent bonding
7	Which functional group is present in glycerol tristearate	A. Carboxylic acid B. Alcohol C. Aldehyde D. Ester
8	Bakelite is obtained from phenol by reacting with	A. Acetaldehyde B. Acetal C. Formaldehyde D. Chlorobenzene
9	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
10	A polymeric substance that is formed in the liquid state and then hardened to a rigid solid is called a	A. Fibre B. Plastic C. Varnish D. Polyamide resin
11	Ascorbic acid is a chemical name of	A. Vitamin D B. Vitamin A C. Vitamin C D. Vitamin B ₆
12	The reaction between fat and NaOH is called:	A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification
13	Which of the following is an example of ketohexose?	A. Mannose B. Galactose C. Maltose D. Fructose
14	C ₆ H ₁₂ O ₆ is molecular formula of:	A. Glucose B. Dextrose C. Fructose D. All of these
		A. Vitamin D

- 15 An example of water soluble vitamin is
B. Vitamin E
C. Vitamin A
D. Vitamin C
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- 16 Of the following which is a step growth polymer
A. Bakelite
B. Polyethylene
C. Teflon
D. PVC
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- 17 A fibre which is made from acrylonitrile as monomer
A. PVC
B. Rayon fibre
C. Acrylic fibre
D. Polyester fibre
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- 18 Which of the following is a biodegradable polymer?
A. Cellulose
B. Polyethene
C. Polyvinyl chloride
D. Nylon-6
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- 19 The degree of unsaturation in fats or oils is usually measured by numbers of grams of iodine required by 100 grmas of fat, this is called
A. Oil number
B. Saturation number
C. Iodine number
D. Un saturation number
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- 20 Which of the following is a constituent of nylon?
A. Adipic acid
B. Styrene
C. Teflon
D. None of these