

ECAT Chemistry Chapter 25 Macromolecules Online Test

Sr	Questions	Answers Choice
1	Which is not a steroid	A. Cholesterol B. Ergosterol C. Phospholipids D. None of these
2	A fat or oil is characterised for extent of unsaturation by one of the following number, which one	A. Rancidity number B. Acid number C. Iodine number D. Saponification number
3	Naturally occurring lipids are called	A. Fats B. protein C. Steroids D. None
4	Denaturation of protein means the structure of protein is disrupted, indicate which factor does not denature protein	A. Heating protein B. pH changes C. Oxidising agent D. Keeping pH 7.35
5	A polymer may be	A. Homopolymer B. Co-polymer C. Terpolymer D. All of these
6	The temp. and pressure used for PVC polymerization is	A. 10°C and 10 atm B. 20°C and 20 atm C. 52°C and 9 atm D. 100°C and 10 atm
7	Which of the following polymers is used for weather resistant paints	A. Acrylic resins B. Polyvinyl acetate C. Polystyrene D. PVC
8	Nylon, 6,6 is a condensation polymer of	A. Adipic acid and glycol B. Phthalic acid and glycol C. Adipic acid and hexamethylene diamine D. Phthalic acid and hexamethylene diamine
9	Which polymerization is free radical mechanism based	A. Addition B. Condensation C. Both a and b D. None
10	The polymers which can be re-softened again and again are called	A. Thermoplastic B. Thermosetting C. Both a and b D. None
11	One of the followings is not type of polymer	A. Homopolymer B. Copolymer C. Heteropolymer D. Terpolymer
12	The temp. and pressure used for PVC polymerization is	A. 10°C and 10 atm B. 20°C and 20 atm C. 52°C and 9 atm D. 100°C and 10 atm
13	The other name of cross linked polymers is	A. Linear polymer B. Branched polymer C. Inter connected polymers D. None of these
14	Organic synthetic or man made polymers are plastics, rubber and fibre. Which is not a synthetic polymer	A. Silk B. Polyester C. Polyvinyl chloride D. Nylon
15	In macromolecules DP stands for	A. Dissociation parameter B. Dissociation polymer C. Degree of polymerization D. Degree of polymerization

D. None of these

16 A polymer may be

- A. Linear
- B. Branched
- C. Cross linked
- D. All of these

17 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