

MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Vegetable oils are:	A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Essential oils obtained from plants
2	Which of the following waste material is not recycled for use again?	A. glasses B. paper C. plastic toys D. hides of animals
3	The simplest separating unit of a polymer is called:	A. Monomer B. Dimer C. Trimer D. Macromer
4	Select the name of ready plant from which word "Paper" is derived:	A. sun flower B. papyrus C. water hyacinth D. rose
5	Which of these polymers is a synthetic polymer?	A. animal fat B. starch C. cellulose D. polyester
6	Each of the following compounds is effective as a refrigerant. The release of which one of these cause the greatest depletion of the ozone layer?	A. CC_2F_2 B. CH_3OCH_3 C. CH_3CHF_2 D. $CH_3CH_2CH_3$
7	Which property is not present in lipids?	A. Liquid B. Solid and semi solid C. Soluble in water D. Form emulsion
8	Cane sugar on hydrolysis gives	A. Glucose+Glucose B. Glucose+Fructose C. Glucose+Galactose D. Glucose+Gacatose
9	CFCs destroy ozone layer, How many ozone molecule a chlorine free radical can destroy:	A. 50,000 B. 100,00 C. 20,000 D. 10,000
10	Which of the following are characteristics of oxidizing smog?	A. It is yellow brownish grey haze B. It has unpleasent odour C. Its main reactant are nitric oxide & unburnt hydrocarbon D. All of the above
11	Which is the polymer that has amide linkage in its structure	A. PVC B. Poly ethene C. Polyester D. Nylon
12	Cholesterol is an important precursor in the biosynthesis of	A. Adrenal hormones B. Sex hormones C. Vitamin-D D. All of these
13	What is the most common catalyst used in hydrogenation of oils?	A. cobalt B. nickel C. tungsten D. copper
14	Which of these is a synthetic polymer	A. Polypeptide B. Cellulose C. Polyester D. Starch
15	Soap is formed when triglyceride reacts with	A. Caustic soda B. Soda lime C. Lime D. ...

D. Caustic potash

16 The polymers which can be re-softened again and again are called

- A. Thermoplastic
- B. Thermosetting
- C. Both a and b
- D. None

17 Glycogen is stored in

- A. Animals
- B. Plants
- C. Soil
- D. None of these

18 The protein which only yield amino acids and their derivatives

- A. Simple proteins
- B. Complex proteins
- C. Derived protein
- D. All of these

19 Poly hydroxyl compounds of aldehyde and ketones are?

- A. Carbohydrates
- B. Proteins
- C. Fats
- D. Lipids

20 The reaction between fat and NaOH is called

- A. Esterification
- B. Hydrogenolysis
- C. Fermentation
- D. Saponification