

## MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	A chemical inert and heat resistant plastic, that is made from tetrafluoroethylene, is called	A. teflon B. PVC C. Bakelite D. polyamide
2	The word "Lipids" derived from the language	A. Greek B. Latin C. German D. English
3	Denaturation of protein means the structure of protein is disrupted indicate which factor does not denature protein	A. Oxidizing agent B. Heat protein C. Keeping pH 7.35 D. pH changes
4	Which of these polymers is a synthetic polymer	A. Starch B. Animal fat C. Polyester in an addition polymer D. Cellulose
5	In which of these processes are small organic molecules made into macro-molecules?	A. The cracking of petroleum fractions B. The fractional distillation of crude oil C. The polymerization of ethane D. The hydrolysis of proteins
6	Which of the following substance is used as filler or additive in paper making:	A. Glucose B. Starch C. Fructose D. Cellulose
7	A solid nitrate fertilizer reacts with an alkali to produce a gas which turns damp pH paper blue:	A. $\text{NO}_3$ B. $\text{NHO}_3$ C. $\text{NH}_2$ D. $\text{N}_2\text{H}_4\text{O}_3$
8	The product of the molecular mass of repeating units and the D.P is called of polymer:	A. Molecular formula B. Empirical formula C. Molecular mass D. Empirical mass
9	The degree of unsaturation in fats or oils is usually measured by numbers of grams of iodine required by 100 grams of fat, this is called	A. oil number B. saturation number C. iodine number D. un saturation number
10	When enzyme fumarase is exposed to UV light, then	A. Its activity is enhanced B. It converts into Glucokinase C. It is inactivated D. None
11	The polymers which can not be re-softened again and again are called	A. Thermoplastic B. Thermosetting C. Both a and b D. None
12	The temp. and pressure used for PVC polymerization is	A. $10^\circ\text{C}$ and $10\text{ atm}$ B. $20^\circ\text{C}$ and $20\text{ atm}$ C. $52^\circ\text{C}$ and $9\text{ atm}$ D. $100^\circ\text{C}$ and $10\text{ atm}$
13	Polymer formed by the combining of three different monomers is called:	A. Homopolymer B. Copolymer C. Ter polymer D. Thermoplastic polymers
		A. kill plants  

14	Fungicides re the pesticides which:	B. kill herbs   C. kill insects   D. control the growth of fungus  
15	Vegetable oils are:	A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Essential oils obtained from plants
16	Which one of the following statements about glucose and sucrose is incorrect	A. Both are soluble in water B. Both are naturally occurring C. Both are carbohydrates D. Both are disacharides
17	Cellulose is the polymer of	A. $\alpha$ -D-glucose B. $\beta$ -D-glucose C. Fructose D. None
18	The other name for cross linked polymers is	A. Linear polymer B. Branched polymers C. Inter connected polymers D. None of these
19	Which one of the following is a water soluble vitamin	A. Niacin B. Riboflavin C. Trypsin D. Ascobic acid
20	What is the most common catalyst used in hydrogenation of oils?	A. cobalt B. nickel C. tungsten D. copper