

## MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Saponification number of a fat which requires 178,000 mg of KOH for saponification is (mol wt = 1240)	A. 120 B. 143 C. 208 D. 210
2	Which of these the most widely used nitrogen fertilizer in Pakistan?	A. urea   B. ammonium nitrate   C. ammonium sulphate   D. ammonium chloride  
3	Cholesterol is a precursor of steroid hormones. Choose the class of steroid	A. A carbohydrate B. A hydrocarbon C. A natural lipid D. A protein a hydrocarbon
4	Which of the following is not macromolecule?	A. Proteins B. Carbohydrates C. Acrylonitrile D. Lipids
5	Molar mass of repeating unit of PVC monomer is:	A. 43 B. 53 C. 63 D. 73
6	Formation of PVC from vinyl chloride is an example of	A. substitution reaction B. addition polymerization C. condensational reaction D. Aldol condensation
7	In which of the following processes are small organic molecules made into macromolecules	A. The cracking of petroleum fractions B. The fractional distillation of crude oil C. The polymerization of ethene D. The hydrolysis of protein
8	Lipids, proteins, carbohydrates and nucleic acids belong to macromolecules:	A. inorganic B. organic C. Biopolymer D. synthetic
9	The substances added in paints for improving the mechanical properties is called:	A. pigment   B. filter   C. stabilizer   D. binder  
10	Which one of the following elements is not present in all proteins	A. Carbon B. Hydrogen C. Nitrogen D. Sulphur
11	Which of these polymers is a synthetic polymer	A. Animal fat B. Starch C. Cellulose D. Polyester
12	Ecosystem is a smaller unity of:	A. hydrosphere   B. biosphere   C. lithosphere   D. atmosphere  
13	Which of the following is used as coagulant for purification potable water?	A. Copper sulphate B. Barium sulphate C. Alum D. Nickel sulphate
14	Which one of the following organic acids is made from methanol	A. Propanoic acid B. Butanoic acid C. Formic acid D. Acetic acid
15	Which one of the following is a water soluble vitamin?	A. niacin B. riboflavin C. tyrosine

D. ascorbic acid

16 The fertilizer contains 33\_\_\_35%N is:

- A. ammonium nitrate <br>
- B. potassium nitrate <br>
- C. urea <br>
- D. ammonia <br>

17 Choose the crop for which ammonium nitrate is not used:

- A. paddy rice <br>
- B. cotton <br>
- C. wheat <br>
- D. sugar cane <br>

18 Which fiber contains 85% acrylonitrile by weight:

- A. Acrylic fiber
- B. Azlon fiber
- C. Saran fiber
- D. Rayon fiber

19 Select the name of ready plant from which word "Paper" is derived:

- A. sun flower <br>
- B. papyrus <br>
- C. water hyacinth <br>
- D. rose <br>

20 Phosphorus is very useful in the growth of:

- A. leave <br>
- B. stem <br>
- C. seed <br>
- D. root <br>