

## MDCAT Chemistry Chapter 20 Macromolecules MCQ's Test

Sr	Questions	Answers Choice
1	Choose the correct statement:	A. $\text{SO}_2$ affects the nucleus B. $\text{SO}_2$ affects plasmodesmata C. $\text{SO}_2$ affects cell wall D. $\text{SO}_2$ affects all membrane systems
2	Which one of the pollutants of automobile exhausts affects the nervous system or produces mental diseases?	A. $\text{NO}_2$ B. $\text{SO}_2$ C. Hg D. Pb
3	Which one of the following does not act as pollutant?	A. carbon monoxide B. sulphur dioxide C. hydrocarbons D. carbon dioxide
4	Biochemical oxygen demand (BOD) is the capacity of organic matter in natural water to consume oxygen with in a period of:	A. 2 days B. 6 days C. 5 days D. 7 days
5	The main pollution leather tanneries in the waste water is due to the salt of:	A. chromium B. copper C. calcium D. lead
6	Potable water is considered to be:	A. safe for human consumption B. the ground water C. the Surface water D. now water is due to the salt of:
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. $\text{NH}_2\text{O}$ D. $\text{N}_2\text{H}_4\text{O}_3$
8	The nitrogen present in some fertilizer helps plants:	A. to fight against diseases B. to produce fat C. to undergo photosynthesis D. to produce protein
9	The fertilizer contains 33% N is:	A. ammonium nitrate B. potassium nitrate C. urea D. ammonia
10	In Pakistan consumption per person is:	A. 8kg B. 5kg C. 10kg D. 6kg
11	Hexamethylene reacts with _____ to prepare nylon 6,6	A. acetic acid B. adipic acid C. formic acid D. none of above
12	Ketones are less reactive than aldehydes because:	A. alkyl groups electron donation B. steric hindrance is greater in ketone C. both a and b D. ketones are non-polar
13	When equal proportion of $\text{DH}_3$ and $\text{C}_2\text{H}_5$ are treated with Na metal in presence of dry ether, the number of possible hydrocarbons obtained will be:	A. 5 B. 4 C. 3 D. 2
14	The conversion of an halide of an alkene is an example:	A. addition reaction B. substitution reaction C. elimination reaction D. oxidation reaction

15	The compound which does not form iodoform:	A. methyl alcohol   B. ethyl alcohol   C. acetone   D. acetaldehyde 
16	Which of the following alkyl halides shows higher reactivity?	A. R __ F  B. R __ Cl   C. R __ Br   D. R __ I 
17	Which three element are needed for the health growth of plants:	A. S,S,P   B. N,Ca,P C. N,P,K   D. N,K,C  
18	Natural fertilizers are materials derived form:	A. plants   B. animals only   C. both plant and animals   D. none of all  
19	How many zones through which the charge passes in a rotary kiln?	A. 4 B. 3 C. 2 D. 5
20	The substance added to the soil to provide one or more nutrient elements which are necessary plant growth are known as:	A. Harmones   B. minerals  C. fertilizers   D. none of above  