

## MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	How many fertilizer plants are now in Pakistan?	A. 20 B. 14 C. 12 D. 10
2	Photochemical smog consists of higher concentration of:	A. Oxidants B. Ozone C. a & D. NO < sub > 3 < / > / sub >
3	Ozone is most of the tropical regions acts as a pollutant and causes	A. Damages to eyes     B. Aggravates asthma     C. Chest discomfort     D. All of these
4	pH value of pepsin is:	A. 3 B. 2 C. 4 D. 1.4
5	Tasteless sugars are:	A. monosaccharides B. trisaccharides C. oligo saccharides D. poly saccharides
6	NaCl has face centered cubic structure. The Na ion at the face of the unit cell is shared by	A. 2-unit cells B. 4-units cells C. only one unit cell D. 8-unit cells
7	Which of the following undergoes easy dehydration?	A. 3-Methylbutan-2-ol B. Ethanol C. 2.Methylpropan-2-ol D. Methanol
8	Ozone is produced in regions:	A. tropical B. Polor C. antaric D. equator
9	Cellulose is formed from	A. D-galactose units B. 50% of D-glucose and 50% of L-glucose units C. L-glucose units D. D-glucose units
10	The starting substance for the preparation of iodoform is any of the following, except	A. <div>CH3CH(OH)CH3</div> B. CH3CH2OH C. HCH2OH D. CH3COCH3
11	A combination of glucose and fructose is called	A. sucrose B. table sugar C. a & D. Lactose
12	Liquids evaporate at every temperature. When the temperature becomes constant for a liquid, then:	A. rate of evaporation is greater than the rate of condensation B. the rate of condensation is greater than the rate of evaporation C. The rate of condensation and evaporation become equal D. it depends upon the nature of the liquid
13	2-propanol showsisomerism with 1-propanol	A. Chain isomerism     B. Positional isomerism     C. Metamerism     D. Geometrical isomerism
14	Poly hydroxyl compounds of aldehyde and ketones are?	A. Carbohydrates B. Proteins C. Fats D. Lipids

15	Which one of the following groups is indicated when HCl is formed by reaction of ethanol with phosphorous pentachloride?	A. Amino group B. Halide group C. Hydroxyl group D. Hydride group
16	One of the following is a ionic solid. Which is that?	A. Fe B. KBr C. Diamond D. Cr
17	Order of reactivity of alkenes with hydrogen halide is.	A. HBr > HI > HCI B. HI > HBr> Hf C. Hf > HI> HCI D. HI > HBr> HCI
18	Which one of the following elements is the strongest reducing agent?	A. Chlorine B. Sodium C. Magnesium D. Aluminium
19	Ph of unpolluted rain water is	A. 07 B. Less than 6 C. 5.6 D. Less than 5
20	An electron with drawing group attached to e-position in phenol	A. makes it basic     B. Stabilises the phenoxide ion     C. decreases its basicity     D. allows it to precipitate in aqueous solution