

MDCAT Chemistry Online Test

Sr	Questions	Answers Choice
1	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 disaccharides
2	The eleventh concentration of metal cause clogs of gills in fish:	A. Al B. He C. Pb D. Ca
3	A combination of glucose and fructose is called	A. sucrose B. table sugar C. a & b D. Lactose
4	For what value of Kc almost forward reaction is complete	A. $K_c = 10^{-30}$ B. $K_c = 1$ C. $K_c = 10^{30}$ D. $K_c = 0$
5	Elimination of molecular reactions usually obey:	A. first order kinetics B. second order kinetics C. third order kinetic D. zero order kinetic
6	With the help of spectral data given calculate the mass of Neon and encircle the best option.	A. 22.18 amu B. 21.18 amu C. 20.18 amu D. 22.20 amu
7	Lysine	A. Basic Only ketogenic B. Ketogenic glucogenic C. Acidic glucogenic D. Non essential
8	K_2SO_4 , and $K_2Cr_2O_4$, are isomorphous solids and exist in	A. cubic form B. orthorhombic form C. trigonal form D. tetragonal
9	Glycine is characterized by	A. Absence of an asymmetric carbon B. Absence of optical activity C. The shortest amino acid D. All of these
10	Which of the following is a non-typical transition element?	A. Cr B. Zn C. Mn D. Fe
11	Nitrogen in the atmosphere is:	A. 78% B. 21% C. 0.9% D. 0.03%
12	What is the formula of bauxite?	A. $Al_2O_3 \cdot 2H_2O$ B. Al_2O_3 C. $Na_2B_4O_7 \cdot 10 H_2O$ D. $Ca_2B_6O_{11} \cdot 5H_2O$
13	Which of the following is a base according to lowery Bronsted concept?	A. I-1 B. HCl C. H_3O^+ D. NH_4^+
14	The alternate name of Glucose is	A. Dextrose B. Grape sugar C. Blood sugar D. All
15	The %age of nitrogen in urea is:	A. 46 B. 60 C. 70 D. 88

16	Amylum is another name of	A. Starch B. Amylose C. Amylopectin D. Cellulose
17	Third order of protein structure refers to	A. Bending of protein chain B. Three-dimensional structure of protein C. Number and sequence of amino acids D. Site of disulphide bonds
18	A chemist says that glass must be a super cooled liquid. the reason that he might have in his mind is that glass has:	A. Definite shape B. Definite volume C. Crystalline structure D. No crystalline structure
19	Amorphous means	A. arranged B. ordered C. shaped D. shapeles (no arrangements)
20	The dilute solution of _____ is called vinegar.	A. Formic acid B. Acetic acid C. Oxalic acid D. Benzoic acid
