

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Sodium should be stored in	A. Air free from moisture B. Air free form carbon dioxide C. Under water D. Under kerosene oil
2	The disaccharide present in milk is	A. Sucrose B. Maltose C. Lactose D. Cellobiose
3	Enthalpy of neutralization of all the strong acids and strong bases has the same value because:	A. Neutralization leads to the formation of salt and water. B. Strong acids and bases are ionic substances. C. Acids always give rise to H^{+} ions and bases always furnish OH^{-} ions. D. The net chemical change involve the combination of H^{+} and OH^{-} ions to form water.
4	Newspaper can be recycled again and again by how many times?	A. 2 B. 3 C. 4 D. 5
5	Which one of the following substance is use as decolonizing agent	A. Asbestos B. Animal charcoal C. conc, H_2SO_4 D. Silica gel
6	Which of the following has highest dipole moment?	A. NH_3 B. PH_3 C. AsH_3 D. SbH_3
7	Benzene is obtained from benzene sulphonic acid by treating with	A. HCl B. NaOH C. H_2O D. $NaHCO_3$
8	Organic compounds resemble to those of inorganic compounds having same	A. Ionic properties B. Carbon forming long chain or rings C. Chemical forces D. Isomerism
9	The solid remained on filter paper during the filtration is called the :	A. Substance. B. Residue. C. Undue. D. Filtrate.
10	Which is not a fossil fuel	A. Petroleum B. Coal C. Natural gas D. None of them
11	Which one of the following mixture shows positive deviation form Rault's law and forms an azetrope with minimum boiling point	A. Methanol + CCl_4 B. Methanol + acetone C. Ether + HCl D. Acetone + chloroform
12	A large value of K_c means that at equilibrium :	A. Less reactant and more products. B. Reactants and product in same amounts. C. More reactants and less products. D. None of above.
13	Which of the following is an example of ketohehexose?	A. Mannose B. Galactose C. Maltose D. Fructose
		A. Satisfy human appetite

14	Cellulose does:	B. Stimulates intestinal peristalsis C. Gives fibre and bulk to the food D. All of these
15	The sum of mole fractions (X) of components of solution is equal to	A. 100 B. 200 C. One D. Zero
16	A solution containing 5.8 grams acetone (CH_3OCH_3), 4.6 gram ethyl alcohol ($\text{C}_2\text{H}_5\text{OH}$) and 12 grams chloroform (CHCl_3) has mole fraction and mole percent of acetone	A. 0.11, 10% B. 0.33, 33% C. 0.22, 22% D. 0.11, 33%
17	Elimination bimolecular reactions usually obey	A. First order kinetics B. Second order kinetics C. Third order kinetics D. Zero order kinetics
18	Which of the following element's outermost orbits last electron has magnetic quantum number $m=0$?	A. Na B. O C. Cl D. N
19	Pro stand for	A. Valine B. Alanine C. Glycine D. Proline
20	According to Boyle's law. which parameters give a straight line parallel to x-axis, when we plot a graph between	A. V and T B. P and V C. P and $1/V$ D. P and PV