

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The detection of functional group is called :	A. Numerical analysis. B. Qualitative analysis. C. Combustion analysis. D. Quantitative analysis.
2	C ₁₈ and onward hydrocarbons are normally	A. Gases B. Liquids C. Solids D. Plasma
3	Common names of carboxylic acids are given by then:	A. Source B. Person discovered C. place D. habit
4	In macromolecules DP stands for	A. Dissociation parameter B. Dissociation polymer C. Degree of polymerization D. None of these
5	Which of the following metal requires radiation of highest frequency to cause emission of electrons?	A. Na B. Mg C. K D. Ca
6	A reaction in which an atom or a group of atoms replaces an atom or a group of atoms in the molecule of a substance is known as	A. Addition reaction B. Condensation reaction C. Elimination reaction D. Substitution reaction
7	An artificial smell of banana is produced in many articles y using esters which of the following is that	A. Amyl acetate B. Isoamyl valerate C. Octyl acetate D. Methyl butyrate
8	The relative atomic mass of chlorine is 35.5. What is the mass of 2 mol of chlorine gas	A. 142 g B. 71 g C. 35.5 g D. 18.75 g
9	A limiting reactant is one which according to the stoichiometric equation	A. Has excess mass B. Has least mass C. Has excess number of moles D. Has least number of moles
10	Formaldehyde is used to make	A. Plastics B. Medicine C. Antiseptic D. All of these
11	Sodium can be obtained by :	A. Electrolysis of acidified water. B. By heating NaCl and water at 100°C C. Electrolysis of molten sodium chloride. D. Electrolysis of aqueous sodium chloride.
12	Which among the following species has the highest ionization energy?	A. Ne B. F C. Li D. B
13	Octane number is zero for	A. n-Heptane B. Isooctane C. n-Hexane D. Isoheptane
14	The state of equilibrium refers to	A. State of rest B. Dynamic state C. Stationary state

		D. State of inertness
15	During the formation of a chemical bond the potential energy of the system	A. Decreases B. Increases C. Does not change D. None of these
16	When two hydrogen atoms approach to form a chemical bond	A. The repulsive forces dominate the attractive forces B. The attractive forces, dominate the repulsive forces C. The energy of atoms increases D. The two atoms start ionization
17	Alkyl halides when reduced with nascent hydrogen in the presence of Zn + HCl, are converted to	A. Alkynes B. Alkenes C. Alkanes D. Alcohol
18	A species having positive or negative charge is called:	A. Electron B. Ion C. Proton D. Atom
19	Which of the following is not a sub-atomic particle	A. Electron B. Proton C. Neutron D. Deuteron
20	Which of the following decolorized Br ₂ -water	A. Methane B. Ethane C. Ethene D. Propane