

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Isotopes differ in	A. properties which depend upon mass B. arrangement of electrons in orbitals C. chemical properties D. the extent to which they may be affected in electric fields
2	Who one mole of each of the following is completely burned in oxygen, which gives the largest mass of carbon dioxide?	A. Carbon monoxide B. Diamond C. Ethane D. Methane
3	C ₆ H ₁₂ O ₆ is molecular formula of:	A. Glucose B. Dextrose C. Fructose D. All of these
4	Which of the following compounds will react with reagent ?	A. CH ₃ COH B. CH ₃ CO C. CH ₃ COOH D. CH ₃ COCH ₃
5	Question Image	A. Elimination Esterification B. Elimination Isomerisation C. Oxidation Esterification D. Oxidation Oxidation
6	The rotation of two carbon atoms joined by double bond would happen only if	A. Pi bond is broken B. Sigma bond is broken C. Both bonds are broken D. None of above
7	General formula of carbocyclic acids is:	A. RCOH B. RCOR C. RCOOR D. R-OH
8	p-block elements belong to group	A. I-A & II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
9	Gypsum added in the cement is :	A. 5% B. 10% C. 15% D. 20%
10	Poly hydroxyl compounds of aldehyde ketones are:	A. Carbohydrates B. Proteins C. Fats D. Lipids
11	In molecules kinetic and potential energies are:	A. Definite B. Moderate C. Indefinite D. None of above
12	The hydroxyl derivatives of aromatic hydrocarbons which have the -OH group directly bonded to the ring C-atom are called	A. Alcohols B. Ketones C. Esters D. Phenols
13	Which compound is more soluble in water	A. C ₂ H ₅ OH B. Benzene C. CH ₃ OCH ₃ D. Hexane
14	The substance added in the paints for improving the mechanical properties is called	A. Pigment B. Filler C. Stabilizer D. Binder

15	Which of the following is most electronegative?	A. Carbon B. Silicon C. Lead D. Tin
16	Question Image	A. Acidic amino acid B. Basic amino acid C. Neutral amino acid D. None of these
17	A carboxylic acid containing Ar group in it is called:	A. Aromatic carboxylic acid B. Aliphatic carboxylic acid C. Dicarboxylic acid D. Carboxylic acid
18	Question Image	A. Zero B. 253 sec C. 150 sec D. 500 sec
19	Which one of the following particles has a mass $1/1836$ times that of hydrogen?	A. Neutron. B. Proton. C. Electron. D. Positron.
20	The iron obtained from blast furnace is	A. Pig iron B. Wrought iron C. Soft iron D. Steel