

ECAT Chemistry MCQ's Test For Full Book

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Sr	Questions	Answers Choice
1	Organic compounds containing halogen atom are called:	A. ROH B. RX C. RNH ₂ D. RCOH
2	The color of ppts formed by Benedirct's test is	A. Brick red B. Wine red C. Yellow D. Orange
3	Any other aldehyde except formaldehyde on reaction with Grignard's will produce	A. Secondary alcohol B. Primary alcohol C. Tertiary alcohol D. Aromatic alcohol
4	Electron affinity depends on	A. Atomic size B. Nuclear charge C. Atomic number D. Atomic size and nuclear charge both
5	When potassium metal is exposed to violet light	A. Ejection of electrons takes place B. Ejection of some potassium atoms occurs C. There is no effect D. The absorption of electrons takes place
6	On heating glycerol with conc. Sulphuric acid a compound with unpleasant odour is obtained. The compound is	A. Methyl alcohol B. Formic acid C. Prop-2-enal D. Glycerol sulphate
7	Which of the following is the simplest form of matter?	A. Gaseous state B. Liquid State C. Solid State D. All of above
8	Which is made by coordinate covalent bond	A. H ₃ O ⁺ B. H ₂ O C. CH ₄ D. HCI
9	Geographical survey of Pakistan estimates about billion tons of coal in Pakistan:	A. 182 B. 183 C. 184 D. 185
10	Sp ³ hybird orbitals are oriented at an angle of	A. 107.5° B. 108.5° C. 109.5° D. 103.5°
11	Phosphorus pentoxide finds use as	A. An oxidizing agentB. A reducing agentC. A bleaching agentD. A dehydrating agent
12	Which has the least oxidizing power?	A. F ₂ B. Cl ₂ C. Br ₂ D. l ₂
13	Marble is chemically	A. CaCl ₂ B. CaCO ₃ C. Na ₂ CO ₃ D. NaHCO ₃
14	The four bonds of carbon in methane are directed towards the corners of	A. Cube B. Pentagon C. Hexagon D. Tetrahedron
		A. Hydrated

15	The substance which contains the water of crystallization is called	B. Solvated C. Crystal D. None
16	Lysine is amino acid	A. Acidic B. Basic C. Natural D. None of these
17	When electric current is used to carry out non-spontaneous redox, the process is called	A. HydrolysisB. ElectrolysisC. DecompositionD. Neutralization
18	Solvent extraction is an unstable, Process and it is called by:	A. The amount of soluteB. Distribution lawC. The amount of solvent usedD. Law of mass action
19	Which of the following represents the correct electronic configuration of the outermost energy level of an element of zero (VIIA) group in the ground state?	A. s ² p ² B. s ² p ⁴ C. s ² p ⁵ D. s ² p ⁶
20	The reagent which forms crystalline osazone derivative when treated with glucose is	A. Fehling solution B. Phenyl hydrazine C. Benedict solution D. Hydroxyl amine