

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Energy of electron in first orbit of H atom is	A. -45.32 KJ/mole B. -82.08 KJ/mole C. -52.53 KJ/mole D. -1313.31 KJ/mole
2	Cooling happens under the Joule Thomson Effect due to sudden :	A. Contraction B. Absorption C. Expansion D. All of above
3	The chloroform reacts with NaOH to give	A. CH_3COONa B. Sodium oxalate C. CH_3COOH D. HCOONa
4	Potassium ferrocyanide is a	A. Mixed salt B. Double salt C. Complex salt D. Normal salt
5	Hydrogen bond is the strongest between the molecules of	A. HF B. HCl C. HBr D. HI
6	Which of the following is a biodegradable polymer?	A. Cellulose B. Polyethylene C. Polyvinyl chloride D. Nylon-6
7	In the modern long form of the periodic table elements are arranged in the increasing order of	A. Atomic mass B. Atomic number C. Mass number D. Isotopic number
8	Wohler synthesized first of all the organic compound:	A. Carbohydrates B. Urea C. Aniline D. Toluene
9	Domestic waste mostly constitutes	A. Non-biodegradable pollution B. Biodegradable pollution C. Effluents D. Air pollution
10	Which halogen has lustrous shining?	A. F_2 B. Cl_2 C. Br_2 D. I_2
11	Major fertilizers with micro-nutrients are:	A. Nitrogenous B. Phosphalic C. Potash D. All of these
12	Heavy water is obtained by	A. Prolonged electrolysis of water B. Dissolving heavy salt in water C. Simple distillation of water D. Removing impurities of calcium and magnesium from water
13	E_2 has molecularity :	A. One B. Two C. Three D. Half
14	Which is not a fossil fuel	A. Petroleum B. Coal C. Natural gas D. None of them
15	The shape of gaseous SnCl_2 is	A. Tetrahedral B. Linear C. Angular D. Trigonal

		D. I-shaped
16	Phenols are derivative of:	A. Alkanes B. Alkenes C. Alkynes D. Benzene
17	Which of the following is not fatty acid?	A. Propanoic acid B. Acetic acid C. Phthalic acid D. Butanoic acid
18	If initial concentration of the reactants and half life period of the reaction is known, then we can determine	A. Average rate of reaction B. Order of reaction C. Rate constant k D. Instantaneous rate
19	For which mechanisms, the first step involved is the same:	A. $E_{1/2}$ and $E_{2/2}$ B. $E_{2/2}$ and $SN_{2/2}$ C. $E_{2/2}$ and $E_{1/2}$ D. E_1 and $SN_{1/2}$
20	The atomic number of an element is 35 what is the total number of electrons present in all the p-orbitals of the ground state atom of that element?	A. 6 B. 11 C. 17 D. 23