ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
2	In the ground state of an atom the electron is present	A. In the nucleus B. In the second shell C. Nearest to the nucleus D. Farthest from the nucleus
3	Molar mass of high molecular w.f. polymers ranges form:	A. 1000 to 10000 B. 10000 to 100000 C. 100000 to 1000000 D. 1000000 to 10000000
4	Doberiner arranged the similar elements into	A. Pairs B. Triads C. Triplets D. Rows
5	A compound having empirical formula C_3H_3O and its molecular mass is 110.02. Its molecular formula is	A. C₃H₃O B. C₆H₆O₂ C. C₉H₉O₃ D. C₃H₆O₂
6	As it passes into food chain, the concentration of DDT	A. Remains same B. Decreases C. Increases D. Unpredictable
7	Minamata disease is due to pollution of	A. Organic waste into drinking water B. Oil spill in water C. Industrial waste containing mercury into fishing water D. Arsenic into the atmosphere
8	A bond between two atoms may be obtained by sharing of electrons such a bond is called	A. An ionic bond B. A coordinate bond C. A dative bond D. A covalent bond
9	In public urinals, we observe some nascent smell. This smell is due to	A. Hydrolysis of urea of urine by urease of atmosphere into NH₃and CO₂ B. Formation of sulphonic acid by urea of urine C. Reaction of CO₂of atmosphere with urea monoitrate in urine D. Hydrogen present in air reacts with nitrogen forming NH₃
10	Tungsten and Uranium are turned to an reaction with HNO_3:	A. Oxides B. chlorides C. Nitrides D. Nitrates
11	Question Image	A. 2-bromonitrobenzene B. 2-nitrobromobenzene C. 1-bromonitrobenzene D. 1-nitrobromobenzene
12	Hydroxyl amine is a derivative of::	A. Alcohol B. Aldehyde C. Ammonia D. Ketone
13	What happens when $CCl_4$is treated with $AgNO_3$solution?	A. NO₂will be evolved B. A white ppt. of AgCl will form C. CCl₄will dissolve in AgNO₃solution D. Nothing will happen
		A. 142 g

14	The relative atomic mass of chlorine is 35.5. What is the mass of 2 mol of chlorine gas	B. 71 g C. 35.5 g D. 18.75 g
15	The value of charge on electron is	A. 1.602 x 10⁻¹⁹coulombs B. 1.602 x 10⁻¹⁸coulombs C. 1.602 x 10⁻¹⁷coulombs D. 1.602 x 10⁻¹⁶coulombs
16	The general formula for alkenes is	A. C_nH_{2n+1} B. C_nH_{2n+2} C. C_nH_{2n} D. C_nH_{2n-2}
17	Question Image	A. Acidic amino acid B. Basic amino acid C. Neutral amino acid D. None of these
18	Ethyl bromide on treatment with alcoholic KOH gives	A. Ethylene B. Ethanol C. Acetic Acid D. Ethane
19	The solubility product of $Ca(OH)_2$ is 6.5×10^{-6}. The concentration of OH^- ions is	A. 1.175 x 10⁻² B. 2.35 x 10⁻² C. 3.25 x 10⁻³ D. 3.25 x 10⁻⁴
20	Polypeptide chains are coiled about one another into a spiral by	A. Ionic bonds B. Covalent bonds C. Van der Waal's forces D. Hydrogen bonds