

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Unit of ozone is:	A. Debye B. Dobson C. Esu D. Coulumb
2	Introduction of a second methyl group in methylbenzene will give how many isomeric dimethyllenzenes	A. 2 B. 1 C. 3 D. 4
3	Out of all the elements of group VI-A the highest melting and boiling points is shown by the elements:	A. Te B. Se C. S D. Pb
4	Escape of high energy molecules from the surface of a liquid is called	A. SublimationB. DistillationC. CondensationD. Evaporation
5	Question Image	A. 32 g B. 3.2 g C. 5.6 g D. 9.6 g
6	Which statement is incorrect for and ideal solution	A. The forces of attractions between solute and solvent molecules are same B. There is no evolution or absorption of heat C. Volume of the solution is less than sum of volumes of individual components D. Vapour pressure of solution is directly proportional to the mole fraction of solvent
7	When an electron is absorbed in an empty or partially filled orbital of an atom, the energy released is called	A. lonization energy B. Potential energy C. Electron affinity D. Bond energy
8	Which of these reactions is shown by buranone, CH ₃ COCH ₂ CH ₃	A. On warming with acidified potassium dichromative (IV) the solution turns green B. On heating with Fehling's reagent a red precipitate is formed C. With 2,4-dinitrophenlhydrazine reagent an orange precipitate is formed D. With hydrogen cyanide an aldehyde is formed
9	d-block elements belong to groups	A. I-A & D. II-A B. III-A to VIII-A C. I-B to X-B D. Lanthanides
10	Question Image	A. Addition Elimination B. Addition Reduction C. Elimination Reduction D. Substitution Elimination
11	Vegetables oil are:	A. Unsaturated fatty acids B. Glycerides of saturated fatty acids C. Essential oils obtained from plants D. None of these
12	The principle quantum number describes	A. The distance form the nucleus B. The shape of the orbital C. The orientation of the orbital D. The spin of the electron
40	- · · · · · · · · · · · · · · · · · · ·	A. Small size of the particles of the reactant

13	Factor which slows down the rate of reaction is	B. High temperature of reaction C. More concentration of reactant D. Lowering the temperature
14	The radiations with wavelength shorter than violet light are called	A. Ultraviolet B. Infrared C. Microwave D. Radio frequency
15	Silver oxide battery has a voltage of	A. 2.0 V B. 1.5 V C. 2.5 V D. 1.0 V
16	Question Image	A. 0.12 B. 0.50 C. 0.25 D. 4.00
17	Which is made by coordinate covalent bond	A. H ₃ O ⁺ B. H ₂ O C. CH ₄ D. HCI
18	Which statement is true for Na and Na ⁺	A. Both have equal sizes. B. Both have same properties. C. Size of Na is smaller than Na ⁺ D. Size of Na is greater than Na ⁺
19	Which compound is the most reactive one?	A. benzene B. ethene C. ethane D. ethyne
20	Heat of vapourization for liquids with strong dipole-dipole forces will have	A. Negligible Values B. Reasonably high values C. Very high values D. very low values