ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	acetylene can be converted into-while passing through a Cu-tube at 300°C:	A. Glyoxal B. Vinyl acetylene C. Vinyl alcohol D. Benzene
2	Group VII-A elements are called:	A. s-block elements B. p-block elements C. d-block elements D. f-block elements
3	The heat contents of all the elements in their standard states are taken to be	A. 1 B. 2 C. 0 D. None
4	The maximum number of electrons in the outermost shall of s-black elements is	A. One B. Two C. Three D. Four
5	Synthesis rubber is made by polymerization :	A. Chloroform B. Acetylene C. Divinyl acetylene D. Butene
6	Sodium phenoxide reacts with CO_2at 400 K and 4.7 atm pressure to give	A. Sodium salicylate B. Salicyl aldehyde C. Catechol D. Benzoic acid
7	An organic acdi having molecular formula $C_2H_4O_2$is	A. Formic acid B. Acetic acid C. Oxalic acid D. Propionic acid
8	Organic compounds containing halogen atom are called:	A. R---OH B. R----X C. R----NH₂ D. R----COH
9	The specific conductance of 0.1 M NaCl solution is 1.06 x $10^{-2}$$ohm^{-1}$$mol^{-1}$. Its molar conductance in $ohm^{-1}cm^2mol^{-1}$is	A. 1.06 x 10² B. 1.06 x 10³ C. 1.06 x 10⁴ D. 53
10	In exothermic reaction decrease in potential energy of the products will result in	A. Decreases in kinetic energy of the particles B. Increases in kinetic energy of the particles C. No change in kinetic energy D. Decreases in activation energy
11	Which compound does not show hydrogen bonding with water	A. CH₃OH B. C₂H₅OH C. CH₃- O - CH₃ D. C₆H₅OH
12	It is common observation that rates of chemical reactions differ :	A. Greatly. B. A little bit. C. Moderately.
13	Air pollution is not caused by	A. Pollen grains B. Hydroelectric power C. Industries D. Automobiles
14	For the above reaction the relationship b/w k_c and k_p will be :	A. K_p = K_cRT<o:p></o:p> B. Kp = K_c(RT)₋₁<o:p></o:p> C. K_p =

		K_c(RT)₋₂<o:p></o:p> D. K_c = K_p<o:p></o:p>
15	Which one is a nitrogen fertilizer	A. Urea B. Calcium sulphate C. Potassium phospahte D. Magnesium carbonate
16	The strongest forces are:	A. Debye froces B. London dispersion C. Dipole-dipole attraction D. Hydrogen bonding
17	The colour of ppts formed by Fehling's test is	A. Brick red B. Red C. Yellow D. Orange
18	Gypsum is applied to the soil to provide calcium and	A. Oxygen B. Nitrogen C. Phosphorous D. Sulphur
19	The volume of a gas at $0^{o}C$ is 100 m3, what will be the volume of the same gas 546 ^{o}C, assuming that pressure remains constant.	A. 5460 cm3 B. 300 cm3 C. 200 cm3 D. 546 cm3
20	When a colourless gas is passed through bromine water only decolourisation takes place the gas is	A. SO₂ B. HBR C. HCl D. H₂S