

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The reference calomel electrode is made from which of the following?	A. $ZnCl_2$ B. $CuSO_4$ C. Hg_2Cl_2 D. $HgCl_2$
2	The term cryoscopy is used for	A. Depression of freezing point B. Elevation in boiling point C. Lowering of vapour pressure D. Osmotic pressure
3	Type of isomerism in $BrCH=CHBr$ is:	A. Structural isomerism B. Conformational isomerism C. Geometrical isomerism D. Positional isomerism
4	Which of the following has ester linkage?	A. Nylon B. Bakelite C. Terylene D. PVC
5	Write the name of following compound	A. 5 - methyle - 2 - hexene B. 2 - methyle hexene C. 4 - ethyle - 2 - methyle hexene D. 3 - ethyle - 3 - methyl hexene
6	Chlorophyll contains in it:	A. Li B. Na C. Mg D. Ca
7	Nitration of phenol gives	A. o-nitrophenol B. p-nitrophenol C. m-nitrophenol D. Both o and p-nitrophenol
8	Question Image 	A. 8 g B. 16 g C. 32 g D. 24 g
9	Which molecule out of given molecules will not form hydrogen bond with another of the given molecules.	A. NH_3 B. CH_3OH C. CH_2NH_3 D. CH_2CHO
10	Transition elements differ from s and p block elements due to their characteristic properties. What is not the characteristic property of transition elements	A. Transition elements show variable oxidation states B. Their salts are coloured C. They can be used as catalyst D. All of them are metals
11	The colour of transition metal complexes is due to	A. d-d transitions of electrons B. Para magnetic nature of transition elements C. Ionization D. Loss of s-electrons
12	During reaction of O_2 and alkenes, a product:	A. Glycol B. Epoxide C. Halohydrin D. Ethylene glycol
13	Cyclone collector is used for minimizing	A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution
14	The widely used nitrogen fertilizer that contains about 46% nitrogen is	A. Ammonia B. Ammonium nitrate C. Ammonium sulphate D. Urea

15	Which gasses are produced from landfills	A. NH_3 B. H_2S C. N_2 D. All of these
16	Neutrons was discovered by	A. Mosely B. Milliken C. Chadwick D. Ruherford
17	The density of a gas is directly proportional to pressure, inversely proportional to temperature and directly proportional to	A. Viscosity B. Molar mass C. Momentum D. All of above
18	Which reaction sequence would be best to prepare 3-chloro-aniline from benzene?	A. Chlorination, nitration, reducing B. Nitration, chlorination, reduction C. Nitration, reduction, chlorination D. Nitration, reduction, acylation, chlorination, hydrolysis
19	The unit of rate constant k is the same as that of the rate of reaction in	A. First order reaction B. Second order reaction C. Third order reaction D. Zero order reaction
20	The radius of first orbit of hydrogen atom	A. 0.329 \AA B. 0.429 \AA C. 0.529 \AA D. 0.229 \AA