

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Formula of chloroform is:	A. CH ₃ Cl B. CCl ₄ C. CH ₂ Cl ₂ D. CHCl ₃
2	The element with highest electron affinity among the halogen is	A. F B. CI C. Br D. I
3	The unit of the rate constant is the same as that of rate of reaction in :	A. Third order reaction B. Second order reaction C. First order reaction D. Zero order reaction
4	Which of the following is not a colligative property?	A. Depression in freezing point B. Elevation of boiling point C. Osmotic pressure D. Modification of refractive index
5	Which alcohol may be oxidised to a product which react with 2,4-dinitorphenylhydrazine reagent but not with Fehling's reagent	A. Butan-1-ol B. Butan-2-ol C. 2-methylpropan-1-ol D. 2-methylpropan-2-ol
6	Active metals react with carboxylic acid releasing gas:	A. CO B. CO ₂ C. H ₂ O as steam D. H ₂
7	The strongest acid among the following aromatic compound is	A. Ortho-nitrophenol B. Para-chlorophenol C. Para-nitrophenol D. Meta-nitrophenol
8	Which of the following charge	A. Li B. Be C. H D. He
9	Gases shows uniform behavior toward their :	A. Internal conditionsB. External conditionsC. Internal and external conditionsD. None of above
10	Which are used as essences (flowers)?	A. Aldehydes B. Ketones C. Alcohols D. Esters
11	Which is not nitrogeneous fertilizers?	A. (NH ₄) ₂ HPO ₄ B. NH ₄ NO ₃ C. urea D. Calcium phosphate
12	The ionization constant of an acid is expressed in term of the following constant	A. Kw B. Kn C. Ka D. Kb
13	Escape of high energy molecules from the surface of a liquid is called	A. Sublimation B. Distillation C. Condensation D. Evaporation
14	Alkyl halides when reduced with nascent hydrogen in the presence of Zn + HCl, are converted to	A. Alkynes B. Alkenes C. Alkanes D. Alcohol
15	Question Image	A. Acidified AgNO _{3(aq)} B. Fehling's solution C. Na

		D. Na ₂ XU _{3(aq)}
16	NaHCO3is commonly called	A. Soda ash B. Baking soda C. Washing soda D. None of these
17	Question Image	A. Zero B. 1 C. 2 D. 1.5
18	Coordination number of Pt in [PtCl (NO ²) (NH ³) ⁴] ²⁻	A. 2 ⁻ B. 4 C. 1 D. 6
19	Which fills the space between needles in cement setting?	A. Ca(OH) ₂ B. Al(OH) ₃ C. CaCO ₃ D. MgSO ₄
20	The percentage of nitrogen in ammonia is	A. 80% B. 82% C. 90% D. 50%