

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	The reaction of alcohol with SOCl_2 in the presence of pyridine as catalyst gives	A. Acids B. Acid chloride C. Alkyl halide D. Benzene
2	Which of the following consists of atoms and molecules and are held together by WAHDERWADD forces.	A. H_2O B. CO_2 C. Cu D. MgO
3	The filtration process is used to separate solid from:	A. Liquid B. Gas C. Solid D. All of above
4	Group VI-A elements are called:	A. Halogens B. Electron deficient C. alkaline earth metal D. Chalcogens
5	Which halogen has lustrous shining?	A. F_2 B. Cl_2 C. Br_2 D. I_2
6	Hydrolytic coversion of sucrose into glucose and fructose is known as	A. Induction B. Inversion C. Insertion D. Inhibition
7	A transition metal complex can be recognized by various terms. Which is not the proper term	A. Central metal ion B. Coordination number C. Ligand D. Geometry of complex
8	Which among the following elements have lowest value of IE_1 ?	A. Pb B. Sn C. Si D. C
9	Which of the following is not a state function	A. Pressure B. Temperature C. Enthalpy D. Amount of substance
10	Forms of waste products :	A. Heat B. Smoke C. Solid D. All of these
11	Hydrogen bonding is present in one of the following pairs:	A. NH_3 B. H_2O C. HF D. All of above
12	SnCl_2 have _____ shape	A. Planner B. Tetrahedral C. Angular D. None
13	Distillation of calcium salts of acetic acid and formic acids gives acetaldehyde. What compound would be obtained if only calcium salt of acetic acid is distilled	A. Formaldehyde B. Butyraldehyde C. Propionaldehyde D. Acetone
14	Butyric acid was named from butyrum means:	A. Red out B. Vinegar C. Butter D. Milk
15	Reaction of ethylamine with chloroform in alcoholic KOH produces	A. CH_3OH B. CH_3NC C. $\text{C}_2\text{H}_5\text{NC}$ D. $\text{C}_2\text{H}_5\text{CN}$

16	Question Image	A. Three times B. Six times C. Nine times D. Two times
17	Which one of the following reagents will distinguish between C_6H_5CHO and $C_6H_5COCH_3$	A. Aqueous bromine B. Phosphorus pentachloride C. 2, 4 DNPH D. Tollen's reagent
18	Rates of organic reactions are	A. Fast B. Very fast C. Slow D. Non-reactive
19	From $_{39}Y$ to $_{48}Cd$ are called	A. Transition elements B. Outer transition elements C. Inner transition elements D. 2nd transition series
20	The real or imaginary surface separating the system from the surrounding is called	A. Imaginary line B. Boundary C. Real line D. All of above