

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
		A. Elimination Esterification B. Elimination Isomerisation C. Oxidation Exterification D. Oxidation Oxidation
1	Question Image	
2	An artificial smell of banana is produced in many articles y using esters which of the following is that	A. Amyl acetate B. Isoamyl valerate C. Octyl acetate D. Methyl butyrate
3	For a chemical reaction to take place the particles must have sufficient energy for the effective collisions, the energy is called	A. Average energy B. Activation energy C. Potential energy D. Collision energy
4	A macroscopic property of a system which describes the initial and final state of the system is called	A. Physical property B. Chemical property C. Energy property D. State function
5	Which has highest 1st I.E.	A. Br B. Cl C. F D. I
6	Linear shape is associated with which set of hybrid orbitals	A. sp B. sp ² C. sp ³ D. dsp ²
7	Which compound shows more hydrogen bonding?	A. C ₂ H ₆ B. C ₂ H ₅ Cl C. CH ₃ CH ₃ D. C ₂ H ₅ OH
8	Which of the following gases is used for illuminating purpose?	A. Methane B. Ethane C. Propane D. Butane
9	The organic compounds containing Ph-OH group are called:	A. Phenol B. aldehyde C. Keton D. Carboxylic acids
10	Carboxylic acids on complete reduction in the presence of HI and red Phosphours gives:	A. esters B. alcohols C. alkanes D. aldehydes
11	Gypsom added in the cement is	A. 5% B. 10% C. 15% D. 20%
12	Gooch crucible is made of:	A. Brass B. Porcelain C. Bronze DGold
13	Which of the following compounds gives a ketone with Grignard's reagent?	A. Formaldehyde B. Ethanenitrile C. Ethyl alcohol D. Methyl iodide
14	Which of the following pair contains isomers of each other	A. Propanoic acid and propanone B. Acetone and acetaldehyde C. Ethyl alcohol and diethyl ether D. Methyl alcohol and dimethyl ether
15	Heat absorbed by a system when its volume does not change is equal to	A. Internal energy of system B. Enthalpy of system C. Increase in internal energy of

		system D. Increase in enthalpy of system
16	Which one of the following reaction takes place spontaneously	
17	Which of the following derivative cannot be prepared directly from acetic acid?	A. Acetamide B. Acetyl chloride C. Ethyl acetate D. Acetic acid
18	The heat of formation of graphite and P(white) is KJ/mole	A. 0.00 B273.0 C. +8.7 D. 813.99
19	Permonosulphuric acid is known as	A. Marshall's acid B. Carlo's acid C. Sulphuric acid D. None of these
20	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