

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Fluted filter paper is used to:	A. Decrease rate of filtration B. Increase rate of filtration C. Maintain rate of filtration D. None of above
2	Solvent extraction is an unstable, Process and it is called by:	A. The amount of solute B. Distribution law C. The amount of solvent used D. Law of mass action
3	A single benzene ring can have _____ ortho position maximally	A. One B. Two C. Three D. Four
4	Question Image	A. 0 B. 1 C. 2 D. 3
5	Enzymes are chemically	A. Carbohydrates B. Proteins C. Fatty acids D. Phospholipids
6	The acid present in vinegar is	A. CH_3COOH B. HCl C. H_2SO_4 D. HCOOH
7	Which of the following decolorized Br_2 -water	A. Methane B. Ethane C. Ethene D. Propane
8	Light emitted from a source has its wave length 500nm, then its wave number will be	A. $2 \times 10^6 \text{ m}^{-1}$ B. $2 \times 10^7 \text{ m}^{-1}$ C. $5 \times 10^8 \text{ m}^{-1}$ D. $5 \times 10^9 \text{ m}^{-1}$
9	The reaction between fat and NaOH is called:	A. Esterification B. Hydrogenolysis C. Fermentation D. Saponification
10	The effective activity of a metal catalyst is increased if it is in	A. Solid form B. Liquid state C. Gaseous state D. Finely divided form
11	Borax is hydrated:	A. Penta B. Deca C. Hepta D. Octa
12	The electron in an atom	A. moves randomly around the nucleus B. has fixed space around the nucleus C. is stationary in various energy levels D. moves around its nucleus in definite energy levels
13	In the presence of high temperature and pressure peat is converted to:	A. Lignite B. Polymorphism C. Polymerization D. Catenation

A. Pure acetic acid at 100°C
style="color: rgb(84, 84, 84); font-family: arial, sans-serif; font-size: 10pt;">

14	Glacial Acetic acid is	<small;">";>"C B. Acetic acid mixed with methanol C. Pure acetic acid at 0";>"C D. Pure acetic acid above 16.6";>"C </small;">
15	In liquids, inter molecular force are.	A. Very weak B. Very strong C. Reasonable strong D. Rubber
16	Cathode rays emitted from cathode are	A. Canal rays B. Protons C. Electrons D. Positrons
17	Which one of the following reactions is not spontaneous	
18	As compared to molar solution, in the molal solution the quantity of solvent is :	A. Comparatively lesser B. More or less equal C. Comparatively greater D. Very large
19	0.5 mole of CH ₄ and 0.5 mole of SO ₂ gases have equal	A. Volume B. Mass in grams C. Total number of atoms D. Number of molecules
20	Its rate law of an equation is written as $\frac{dx}{dt} = k[A][B]$?	A. Reaction is independent of the concentration of A and B. B. Product is decreasing with passage of time. C. Reactant is increasing with passage of time. D. Reactant is increasing with passage of time.