

ECAT Chemistry Chapter 2 Experimental Techniques in Chemistry

Sr	Questions	Answers Choice
1	Proteins and amino acid can be separated by:	A. Filtration B. ^{Sublimation} C. Chromatography D. Suction
2	The tip of the funnel should touch the side of the beaker in order to avoid	A. Splashing B. Leakage C. Mixing D. Contamination
3	The filtration process is used to to separate solid from :	A. Liquid. B. Gas. C. Solid. D. All of above.
4	Which one of the following substances is used to decolourizing agent	A. Abestos B. Animal charcoal C. conc. H ₂ SO ₄ D. Silica gel
5	In chromatography, the point at which solvent maximum rises called:	A. Solvent front B. Base line C. Element D. Chromatogram
6	Direct conversion of solid into vapours is called:	A. Crystallization B. Sublimation C. Obligation D. Vapourization
7	Sintered glass is porous material used for:	A. Absorption B. Decoration C. Filtration D. All of above
8	The filtration process is used to separate solid from	A. Liquid B. Gas C. Solid D. All of above
9	Solvent extraction is an equilibrium process and it is controlled by :	A. law of mass action. B. the amount of solvent used. C. distribution law. D. the amount of solute.
10	Analytical chemistry is the science of	A. Chemical characterization B. Physical characterization C. Biological characterization D. Biochemical characterization
11	Identification of a substance, determination of its structure an quantitative analysis of its composition are the aspects covered by:	A. Modern analytical physics. B. Mechanical chemistry. C. Biochemistry. D. Modern analytical chemistry.
12	The comparative rates at which the solutes move in paper chromatography, depend on:	A. the size of per sued. B. R_{f} values of solutes C. temperature of the experiment D. size of the chromatography tank used.
13	95% ethanol is called:	A. Rectified other B. Diesel C. Rectified spirit D. Petrol
14	The apex angle of the folded filter paper is slightly greater is termed as:	A. 60 degree B. 30 degree C. 45 degree D. 90 degree
15	Selection of filter paper depends upon sizes of particles to be:	A. Tested B. ^{Filtered} C. Checked

		D. All of above
16	Solvent extraction is an unstable, Process and it is controlled by:	A. Alcohol extraction B. Petrol extraction C. Phenol extraction D. Ether extraction
17	The tip of funnel should be 1 or 2cm larger than the circle of the	A. Beaker B. Solid C. Filter paper D. Liquid
18	Sintered glass is a porous material use for :	A. Absorption B. Decoration. C. Filtration. D. All of above.
19	The sample being analyzed is called :	A. Electrolyte. B. Substance. C. Analyte. D. All of above.
20	The apex angle of the folded filter paper is slightly greater than :	A. 60° B. 30° C. 45° D. 90°