

## ECAT Chemistry Chapter 2 Experimental Techniques in Chemistry

Sr	Questions	Answers Choice
1	The sample being analyzed is called:	A. Electrolyte B. Residue C. Undue D. Filtrate
2	Without proper suction,filtration is:	A. Rapid process B. Fague process C. Slow process D. Useless process
3	Estimation of Na in sea water is an example of :	A. Numerical analysis. B. Qualitative analysis. C. Quantitative analysis. D. None of above.
4	95% ethanol is called:	A. Rectified other B. Diesel C. Rectified spirit D. Petrol
5	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.
6	Analytical chemistry is the science of :	A. Chemical Characterization. B. Physical Characterization. C. Biological Characterization. D. Biochemical Characterization.
7	The filtration process is used to separate solid from	A. Liquid B. Gas C. Solid D. All of above
8	The apex angle of the folded filter paper is slightly greater than :	A. 60° B. 30° C. 45° D. 90°
9	The filtration process is used to to separate solid from :	A. Liquid. B. Gas. C. Solid. D. All of above.
10	A suitable solvent should dissolve maximum amount of solute at its boiling point and minimum amount at :	A. Freezing point. B. Room temperature. C. Boiling point. D. Sea level temperature.

11	Sintered glass is a porous material use for :	A. Absorption B. Decoration. C. Filtration. D. All of above.
12	The liquid obtained after passing the mixture through filter paper is termed as:	A. Extract B. Residue C. Filtrate D. Sample
13	A complete chemical Characterization of a compound must include:	A. Qualitative analysis B. Chemical analysis C. Quantitative analysis D. None of above
14	The filtration process is used to separate solid from:	A. Liquid B. Gas C. Solid D. All of above
15	The detection of functional group is called	A. Numerical analysis B. Qualitative analysis C. Combustion analysis D. Quantitative analysis
16	The tip of the funnel should touch the side of the beaker in order to avoid	A. Splashing B. Leakage C. Mixing D. Contamination
17	In chromatography, the point at which solvent maximum rises called:	A. Solvent front B. Base line C. Element D. Chromatogram
18	Sintered glass is porous material used for:	A. Absorption B. Decoration C. Filtration D. All of above
19	Selection of filter paper depends upon sizes of particles to be:	A. Tested B. Filtered C. Checked D. All of above
20	Which one of the following substance is use as decolonizing agent	A. Asbestos B. Animal charcoal C. conc. $H_2SO_4$ D. Silica gel