ECAT Chemistry Chapter 2 Experimental Techniques in Chemistry

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	The apex angle of the folded filter paper is slightly greater than :	A. 60°<p class="MsoNormal" style="margin-bottom: 0.0001pt; line-height: normal; background-image: initial; background-position: initial; background-size: initial; background-repeat: initial; background-attachment: initial; background-origin: initial; background-clip: initial;"><o:p></o:p></p> B. 30° C. 45° D. 90°
3	In chromatography, the point at which solvent maximum rises called:	A. Solvent front B. Base line C. Element D. Chromatogram
4	Analytical chemistry is the science of	A. Chemical characterization B. Physical characterization C. Biological characterization D. Biochemical characterization
5	The tip of funnel should be 1 or 2cm larger than the circle of the	A. Beaker B. Solid C. Filter paper D. Liquid
6	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
7	The detection of functional group is called :	A. Numerical analysis. B. Qualitative analysis. C. Combustion analysis. D. Quantitative analysis.
8	The solution left after the formation of crystals is called :	A. Residue. B. Filtrate. C. Mother liquor. D. None of these.
9	The detection of functional group is called	A. Numerical analysis B. Qualitative analysis C. Combustion analysis D. Quantitative analysis
10	Sintered glass is a porous material use for :	A. Absorpton B. Decoration. C. Filtration. D. All of above.

11	Analytical chemistry is the science of :	A. Chemical Characterization. B. Physical Characterization. C. Biological Characterization. D. Biochemical Characterization.
12	Naphthalene, iodine and NH_4 can :	A. Sublime. B. Both (a) and (c). C. Crystallize. D. None of above.
13	Identification of a substance, determination of its structure and quantitative analysis of its composition are the aspects covered by	A. Modern analytical physics B. Mechanical chemistry C. Biochemistry D. Modern analytical chemistry
14	Which one of the following substance is use as decolonizing agent	A. Asbestos B. Animal charcoal C. conc, H₂SO₄ D. Silica gel
15	The liquid obtained after passing the mixture through filter paper is termed as :	A. Extract. B. Residue. C. Filtrate. D. Sample.
16	Estimation of Na in sea water is an example of :	A. Numerical analysis. B. Qualitative analysis. C. Quantitative analysis. D. None of above.
17	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
18	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.
19	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.
20	The sample being analyzed is called	A. Electrolyte B. Substance C. Analyte D. All of above