

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 filtration process is used to separate solid from:	A. Liquid B. Gas C. Solid D. All of above
3	In CCL ₄ solvent I ₃ shows:	A. Blue Color B. Brown Color C. Purple Color D. Pink Color
4	The reagents like KMnO ₄ and HCL cannot be filtered through Gooch crucible if its base is covered with :	A. Butterfly paper. B. Ordinary paper. C. Flying paper. D. Filter paper.
5	The tip of the funnel should touch the side of the beaker in order to avoid	A. Splashing B. Leakage C. Mixing D. Contamination
6	The solution left after the formation of crystals is called :	A. Residue. B. Filtrate. C. Mother liquor. D. None of these.
7	Sintered glass is porous material used for:	A. Absorption B. Decoration C. Filtration D. All of above
8	The liquid obtained after passing the mixture through filter paper is termed as:	A. Extract B. Residue C. Filtrate D. Sample
9	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
10	95% ethanol is called :	A. Rectified ether. B. Diesel. C. Rectified spirit. D. Petrol.
11	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.
12	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
13	The detection of functional group is called :	A. Numerical analysis. B. Qualitative analysis. C. Combustion analysis. D. Quantitative analysis.
14	Proteins and amino acid can be separated by:	A. Filtration B. ^{>} Sublimation</sup> C. Chromatography D. Suction
15	Solvent extraction is an unstable, Process and it is controlled by:	A. Alcohol extraction B. Petrol extraction C. Phenol extraction D. Ether extraction

16	A complete chemical Characterization of a compound must include:	A. Qualitative analysis B. Chemical analysis C. Quantitative analysis D. None of above
17	The detection of functional group is called	A. Numerical analysis B. Qualitative analysis C. Combustion analysis D. Quantitative analysis
18	The tip of funnel should be 1 or 2cm larger than the circle of the	A. Beaker B. Solid C. Filter paper D. Liquid
19	Selection of filter paper depends upon sizes of particles to be:	A. Tested B. ^{Filtered} C. Checked D. All of above
20	The other name for distribution law is	A. Dispersive law B. Partition law C. Avogadro's law D. separation law