

ECAT Chemistry Chapter 2 Experimental Techniques in Chemistry

Sr	Questions	Answers Choice
1	The solid remained on filter paper during filtration is called the	A. Substance B. Residue C. Undue D. Filtrate
2	The other name for distribution law is	A. Dispersive law B. Partition law C. Avogadro's law D. separation law
3	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.
4	A filtration process could be very time consuming if it were not aided by a gentle suction which is developed:	A. If the paper covers the funnel up to its circumstances B. If the paper has got small sized pores in C. If the stem of funnel is large so that it dips in to filtrate D. If the paper fits tightly.
5	Selection of filter paper depends upon sizes of particles to be :	A. Tested. B. Filtered. C. Checked. D. All of above.
6	The tip of funnel should be 1 or 2cm larger than the circle of the	A. Beaker B. Solid C. Filter paper D. Liquid
7	Solvent extraction method is a particularly useful technique of separation when the product to be separated is:	A. non-volatile or thermally unstable. B. volatile or thermally stable. C. non-volatile or thermally stable. D. volatile or thermally unstable.
8	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
9	During the process of crystallization, the hot saturated solution:	A. is cooled very slowly to get large size crystals B. is cooled at a moderate rate to get medium sized crystals of the product C. is evaporated to get the crystals of the products D. is mixed with an immiscible liquid to get the pure crystals of the product.
10	Selection of filter paper depends upon sizes of particles to be:	A. Tested B. Filtered C. Checked D. All of above
11	Gooch crucible is made of:	A. Brass B. Porcelain C. Bronze D. .Gold
12	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.
13	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.
14	Estimation of Na in sea water is an example of	A. Numerical analysis B. Qualitative analysis C. Quantitative analysis D. .

		D. None of above
15	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
16	The detection of functional group is called :	A. Numerical analysis. B. Qualitative analysis. C. Combustion analysis. D. Quantitative analysis.
17	Analytical chemistry is the science of :	A. Chemical Characterization. B. Physical Characterization. C. Biological Characterization. D. Biochemical Characterization.
18	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
19	Analytical chemistry is the science of	A. Chemical characterization B. Physical characterization C. Biological characterization D. Biochemical characterization
20	The detection of functional group is called:	A. Numerical analysis B. Qualitative analysis C. Quantitative analysis D. Combustion analysis