

SCH 120: ANALYTICAL CHEMISTRY I

INTRODUCTION TO CLASSICAL TECHNIQUES AND SEPARATION TECHNIQUES

analysis, mean, standard deviation, variance, students t-test and confidence limits. Gravimetric and titrimetric analysis. Separation techniques including non chromatographic techniques such as liquid liquid extraction distillation, crystallization, and chromatographic techniques such as planar & column chromatography which comprise of paper chromatography, thin layer chromatography, ion exchange, liquid-liquid and gas-liquid chromatography. Gel electrophoresis. The practical lesson emphasises on the methodology of Analytical Chemistry with particular reference of practical industrial and Environmental problems. This will include practicals in: Gravimetric analysis, Titrimetric analysis, Non-Chromatographic and Chromatographic techniques.

Purpose: To serve as the basic introduction to Analytical Chemistry and enable you understand higher levels of analytical Chemistry and related units.

Specific objectives

- (i) State the importance and application of analytical chemistry and classify methods of analysis
- (ii) Differentiate between classical and instrumental methods of analysis.
- (iii) Carry out statistical analysis on analytical data
- (iv) Discuss titrimetric, gravimetric, solvent extraction and chromatographic methods as simple separation and quantitative techniques

References

1. Fundamentals of Analytical Chemistry Douglas A. Skoog, Donald M. West, F. James Holler, Stanley R. Crouch, Hardcover: 992 pages, Publisher: Brooks Cole
2. Analytical Chemistry by Gary D. Christian, Hardcover: 848 pages Publisher: Wiley; 6th edition 3. Dean's Analytical Chemistry Handbook by Pradyot Patniak, Hardcover: 1280 pages, Publisher: McGraw-Hill Professional 4. Schaum's Outline of Analytical Chemistry by Adon A Gordon, Paperback: 256 pages, Publisher: McGraw-Hill
5. Quantitative Chemical Analysis, Sixth Edition by Daniel C. Harris, Hardcover: 928 pages, Publisher: W. H. Freeman

The assessment will be as follows:

30% from CATS (assignments, written test and lab reports), 70% from the main examination (2hrs).
Total or Overall Score (CAT + EXAM) of less than 40% is graded as a retake.
To qualify to sit for the exam, you must attend 35 lecture hours and do all CATS and PRACTICALS.

Chemistry 1exam 3 Question And Aswers

Edward C. Gruber



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The Bulletin of Pharmacy ,1922

The National Union Catalogs, 1963- ,1964

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