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LABORATORY MANUAL CHEMISTRY

(C.B.S.E. Syllabus)

Class XI



AVICHAL PUBLISHING COMPANY

Lab Manual Chemistry Class Xii Ncert

Kathleen Armour



Lab Manual Chemistry Class Xii Ncert:

Practical/Laboratory Manual Chemistry Class XII based on NCERT guidelines by Dr. S. C. Rastogi, Er. Meera Goyal Dr. S. C. Rastogi, Er. Meera Goyal, 2020-06-22

A Surface Chemistry

- To prepare colloidal solution sol of starch
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- To prepare colloidal solution of arsenious sulphide As_2S_3
- To purify a freshly prepared sol by dialysis
- To compare the effectiveness of different common oils: Castor oil, cotton seed oil, coconut oil, kerosene oil, mustard oil in forming emulsions

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INVESTIGATORY PROJECTS 1 To study the presence of oxalate ions in guava fruit at different stages of ripening 2 To study the quantity of caseine present in different samples of milk 3 Preparation of soyabean milk and its comparison with natural milk with respect to curd formation effect of temperature etc 4 To study the effect of potassium bisulphite as food preservative at various concentrations 5 To study the digestion of starch by salivary amylase and the effect of pH and temperature on it 6 To study and compare the rate of fermentation of the following materials wheat flour gram flour potato juice and carrot juice 7 To extract essential oils present in saunf aniseed ajwain corum illaichi cardomom 8 To detect the presence of adulteration in fat oil and butter 9 To investigate the presence of NO₂ in brinjal

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Annual Report National Council of Educational Research and Training (India),2005 *Report - Educational Research and Innovations Committee, National Council of Educational Research and Training* National Council of Educational Research and Training (India),1982 Indian National Bibliography B. S. Kesavan,2009-05 *Chemistry Lab Manual Class XII Follows the Latest CBSE Syllabus and Other State Board Following the CBSE Curriculam.* Edugorilla Prep Experts,2022-07-05 Chemistry is all about conducting various experiments and having a deep study about them This deep analysis and study cannot solely be done with theories and practical experiments are necessary for better skill development of the students Considering this every year CBSE conducts the chemistry practicals in addition to the theory examinations This class 12 chemistry lab manual contains all the essential information that the students will require while commencing the practicals CBSE class 12th chemistry lab manual has been prepared strictly according to CBSE guidelines which follows the NCERT and other State Board curriculum All the experiments in this lab manual have been given in a simple lucid and interactive manner The theory given with each experiment gives complete knowledge of each term concept and definition in order to provide a compact knowledge to the students at one place Viva Voce questions are given with each experiment to test students understanding of related experiments Mr Kaushalesh Dwivedi is the author of this complete lab activity book for class 12 chemistry All the lab based experiments have well labeled diagrams which clearly demonstrate the details of the apparatus that are used the correct way of handling Laboratory apparatus and perform the experiments methodically The basic purpose of this lab manual is to provide the students with appropriate guidance so that they can easily understand carry out and document the experiments in the Science Laboratory The Lab Manual comes with practical lessons followed by Lab experiments after each chapter projects and Notebook for jotting down all the essential information The aim of this Science Lab Manual is to help class 12 students to prepare and understand the complex chemistry concepts through experimental approach by utilizing pedagogically enhanced content of the lab manual and with a compact knowledge base for improving their analytical experimental skills and learning abilities *Practical/Laboratory Manual Chemistry Class XII based on NCERT guidelines* Dr. S. C. Rastogi, ,Er. Meera Goyal,2022-02-25 An Excellent Book in Accordance with the latest

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