

Chemistry Practical Class 12 Cbse

Practical/Laboratory Manual Chemistry Class XI based on NCERT guidelines by Dr. S. C. Rastogi & Er. Meera Goyal Dr. S. C. Rastogi 2020-06-23

An Excellent Book in Accordance with the latest syllabus for Class-11 Prescribed by

CBSE/NCERT and Adopted by Various State Education Boards. (A) Basic Laboratory

Techniques - 1. To cut a glass tube or glass rod,

2. To bend the glass rod at an angle, 3. To draw

a glass jet from a glass tube, 4. To bore a cork

and fit a glass tube into it. (B) Characterisation

and Purification of Chemical Substances- 1. To

determine the melting point of the given

unknown organic compound and its

identification (simple laboratory technique), 2.

To determine the boiling point of a given liquid

when available in small quantity (simple

laboratory method), 3. To prepare crystals of pure potash alum [$K_2SO_4 \cdot Al_2(SO_4)_3 \cdot 24H_2O$] from the given impure sample, 4. To prepare the

pure crystals of copper sulphate from the given

crude sample, 5. To prepare pure crystals of

benzoic acid from a given impure sample. (C)

Measurement of pH Values 1. To determine the

pH value of vegetable juices, fruit juices, tap

water and washing soda by using universal pH

paper, 2. To determine and compare the pH

values of solutions of strong acid (HCl) and weak

acid (CH_3COOH) of same concentration, 3. To

study the pH change in the titration of strong

base Vs. strong acid by using universal indicator

paper, 4. To study the pH change by common ion

(CH_3COO^- ion) in case of weak acid

(CH_3COOH), 5. To determine the change in pH

value of weak base (NH_4OH) in presence of a

common ion (NH_4^+), (D) Chemical Equilibrium
1. To study the shift in equilibrium between ferric ions and thiocyanate ions by changing the concentrations of either of the ions, 2. To study the shift in equilibrium between $[\text{Co}(\text{H}_2\text{O})_6]^{2+}$ and Cl^- ions by changing the concentrations of either of the ions, (E) Quantitative Analysis 1. To prepare M/10 oxalic acid solution by direct weighing method, 2. To prepare M/10 solution of sodium carbonate by direct weighing method, 3. To determine the strength of given solution of sodium hydroxide by titrating it against N/10 or M/20 solution of oxalic acid, 4. To determine the strength of a given solution of hydrochloric acid by titrating it against a standard N/10 or M/20 sodium carbonate solution, (F) Qualitative Analysis 1. Analysis of Anions, 2. Analysis of Cations (G) Detection of Elements in Organic Compounds 1. To detect the presence of nitrogen, sulphur and halogens in a given organic compound by Lassaigne's test, 2. To detect the presence of nitrogen, sulphur and

halogens in the given organic compound sample number by Lassaigne's test
INVESTIGATORY PROJECTS (A) Checking of Bacterial Contamination in Water 1. To check the bacterial contamination in drinking water by testing sulphide ions (B) Methods of Water Purification 1. To purify water from suspended impurities by using sedimentation, 2. To purify water by boiling, 3. To purify water by distillation method, 4. To purify water by reverse osmosis technique. 5. To purify water by GAC method, 6. To purify water by bleach treatment, 7. To purify water by oxidising agent, 8. To purify water by ozone treatment method. (C) Water Analysis 1. To test the hardness of different water samples. (D) Foaming Capacity of Various Soaps 1. To compare the foaming capacity of different washing soaps, 2. To study the effect of addition of sodium carbonate on foaming capacity of washing soap (E) Tea Analysis 1. To study the acidity of different samples of tea leaves (tea) by using pH paper (F) Analysis of

Fruits and Vegetable Juices 1. To analyse the fruit and vegetable juices for the constituent present in them (G) Rate of Evaporation 1. To study the rate of evaporation of different liquids (H) Effect of Acids and Bases on Tensile Strength of Fibres 1. To compare the tensile strength of natural fibres and synthetic fibres, 2. To study the effect of acids and bases on tensile strength of different fibres. Log & Antilog Table

Parliamentary Debates India. Parliament. Rajya Sabha 2000

Comprehensive Practical Chemistry (Abhilekhan) XII Dr. N.K. Verma 2008-05-01
CBSE Class 12th Chemistry (10 Most Likely Question Papers with Solution) By Career Point Kota Career Point Kota 2020-07-28
 The CBSE has made certain changes in the assessment structure from the session 2019-20 onwards. In the new scheme of examination, CCE and term system has been replaced with the Internal Assessment & Single Annual Exam

by CBSE itself. Single exam conducted by CBSE will carry 80 marks whereas 20 marks are left to the schools for internal assessment. CBSE has issued detailed guidelines on how the internal marks will be divided among different activities. From 2019 onwards, there will be internal choices in board examinations with increased internal options in the question paper. Considering this change, now a student has to prepare accordingly for board examinations. The new assessment format brought with it excitement as well as anxiety. And to help them prepare and excel in their CBSE board examination, Career Point Kota has developed a series of 10 Most Likely Question Papers with Solutions. The Key Features of Most Likely Question Papers with Solutions Series : New OBJECTIVE TYPE question in each paper. Syllabus of CBSE 2019-20. Based on the latest CBSE Syllabus & Pattern. Mind map of each chapter is given to visualize and help acquire a better understanding. Important terms, facts,

formulae and quick revision tips are given. Covers questions asked in previous year board exams. Toppers Answer Sheet as released by CBSE to understand the scoring technique. We hope this book will gratify students' need for the new CBSE pattern board exam and smoothen their path to success. We wish to utilize the opportunity to place on record our special thanks to all the members of the Content Development team for their efforts to create this wonderful book.

Universities Handbook 2014

The Educational Review 1992

Science Reporter 2005

Competition Science Vision 1999-02

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Comprehensive Practical Chemistry XII Dr. N . K. Verma 2011-11

Indian Book Industry 1998

The Way Fanny S.M. 2021-06-11 Not many would dare to take challenging decisions in life

when life itself is full of uncertainties and confusions. But I had to; may be because of my birth as the eldest daughter to a typical Indian middle class family which was surmounted by a variety of problems and the responsibilities attached therewith. But the Way I tread never deceived me, rather I was led to a glorious place called the Parliament of India about which I have never dreamt of. The Way is the inspiring account of my life which vividly portrays the struggles I had to face to reach this place from a humble beginning. Though circumstances were not in my favour, faith in God and willingness to move on with optimism helped me to achieve success in life. Jesus had been my counselor during the difficult period of life and set my Way because He Himself is the Way. My life is a wakeup call for the readers to move on in life in spite of various unfavorable situations and to assure that all the sorrows and uncertainties will be transformed into joy and peace soon.

Comprehensive Practical Chemistry XI Dr. N. K.

Verma 2010-02

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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.

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Publisher's Monthly 2005

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15 marks test of 30 min. to assess your preparation in each chapter. 9 Important Formulae, Terms and Definitions 10. Full syllabus Sample Papers - 5 papers with detailed solutions designed exactly on the latest pattern of CBSE Board.

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ability test in every monthly issue.

ISC Practical Chemistry Volume II for Class XII (2021 Edition) Ajaya Baboo 2018 ISC Practical Chemistry Class XII has been thoroughly revised as per the latest syllabus for ISC (Class XII) prescribed by the Council for the Indian School Certificate Examinations (CICSE), New Delhi.

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