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academic year 2020-21 for Class XI

Lalit Sharma

A Textbook of  
**APPLIED**  
Mathematics

Subject Code 241

Class XI  
Volume 1



GOYAL BROTHERS PRAKASHAN

# Cbse 11th Class Maths Guide

**Hongru Du**

## **Cbse 11th Class Maths Guide:**

*CBSE MATHEMATICS : FOR CLASS XII - PART II* DINESH KHATTAR,ANITA KHATTAR,2008-08-19 In continuation to CBSE Mathematics For Class XII Part 1 Part 2 is also thoroughly revised and updated as per the new CBSE course structure and NCERT guidelines The subject matter of this book is presented in a very systematic and logical manner Every effort has been made to make the contents as lucid as possible so that the beginners will grasp the fundamental concepts in an unambiguous manner **KEY FEATURES** Large number of solved examples to understand the subject Categorization of problems under Level of Difficulty A Cover the needs of the students preparing for CBSE exams Level of Difficulty B Guide the students for engineering entrance examinations A Smart Table at the beginning of each chapter to decide the relative importance of topics in the CBSE exam Problem Solving Trick s to enhance the problem solving skills A list of Important Formulae at the beginning of the book Besides this each chapter is followed by a Chapter Test and an exercise in which the questions from the CBSE papers of previous years are provided Working hints to a large number of problems are given at the end of each and every exercise In a nut shell this book will help the students score high marks in CBSE and at the same time build a strong foundation for success in any competitive examination

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**CBSE MATHEMATICS FOR CLASS XI** Khattar Dinesh,khattar Anita, Strictly as per the new CBSE course structure and NCERT guidelines this thoroughly revised and updated textbook is designed for class XI of senior secondary schools under the 10 2 pattern of education The text is presented in a logical manner It identifies your problem areas and helps you to solve them Every effort has been made to make the contents as simple as possible so that the beginners will grasp the fundamental concepts easily **KEY FEATURES** Large number of solved examples to understand the subject Categorization of problems under Level of Difficulty A Cover the needs of the students preparing for CBSE exams Level of Difficulty B Guide the students for engineering entrance examinations Learning Objectives at the beginning of each chapter to enable the students to focus their study Problem Solving Trick s to enhance the problem solving skills Besides this each chapter is followed by a Chapter Test to test problem solving skills Working hints to a large number of problems are given at the end of each and every exercise In a nut shell this book will help the students score high marks in CBSE and at the same time build a strong foundation for success in any competitive examination **Contents** **CONTENTS** Preface Syllabus Chapter 1 Sets Chapter 2 Relations and Functions Chapter 3 Trigonometric Functions Chapter 4 Principle of Mathematical Induction Chapter 5 Complex Numbers and Quadratic Equations Chapter 6 Linear Inequations Chapter 7 Permutations and Combinations Chapter 8 Binomial Theorem Chapter 9 Sequences and Series Chapter 10 Straight Line Chapter 11 Conic Sections Chapter 12 Introduction to Three Dimensional Geometry Chapter 13 Limits and Derivatives Chapter 14 Mathematical Reasoning Chapter 15 Statistics Measures of Dispersion Chapter 16 Probability

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Typical Illustrative Examples and Typical Problems has been added in some chapters for those students who want to attempt some more challenging problems The question of NCERT Exemplar Problems have also been included Value Based Questions have also been added at the appropriate places **The Educational Review** ,1992 Competition Science Vision ,2000-10

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Self-Help to CBSE Mathematics (Solutions of R.D. Sharma) for Class 11 I.S. Chawla, This book is the solution of Mathematics R D Sharma class 11th Publisher Dhanpat Rai It includes solved additional questions of all the chapters mentioned in the textbook and this edition is for 2021 Examinations Recommended for only CBSE students Education World ,2005 **S. Chand's New Mathematics Class XI** B.S. Sharma & P. Kumar, Mathematic Chapter-wise NCERT + Exemplar + Practice Questions Solutions for CBSE Mathematics Class 11 2nd edition Disha Experts,2017-08-29 The book Chapter wise NCERT Exemplar Practice Questions with Solutions for CBSE Class 11 Mathematics has been divided into 3 parts Part A provides detailed solutions Question by Question of all the questions exercises provided in the NCERT Textbook Part B provides solutions to the questions in the NCERT Exemplar book Part C provides selected Practice Questions useful for the Class 11 examination along with detailed solutions The solutions

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