



Based on new syllabus issued by CBSE for 2009 examination

Together with®

PHYSICS

CLASS - XII

- * IMPORTANT DEFINITIONS & FORMULAE
- * PREVIOUS YEARS' QUESTIONS
- * IMPORTANT QUESTIONS
- * NCERT QUESTIONS
- * SELF-EVALUATION TESTS
- * LATEST CBSE SAMPLE PAPERS
- * PRACTICE PAPERS
- * HIGHER ORDER THINKING SKILLS (HOTS) QUESTIONS
- * LATEST EXAMINATION PAPERS, 2008 (SOLVED)

Based on New Text Book issued by NCERT

By

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Preface

Most educationists agree that education is not confined to curriculum and securing marks alone, rather it is more about learning concepts that help solve real-life problems. And in the process, inculcating and exercising thinking skill plays a critical role.

HOTS (Higher Order Thinking Skills), as the name suggests, focuses on thinking skills and tries to move beyond rote learning. The aim to introduce HOTS is that students should be able to construct knowledge.

The focus of the question paper in 2008 year was to measure students' abilities to reason, justify, analyse, process and evaluate information. The weightage being 20%.

Thus there is a greater emphasis now on testing, understanding and their ability to apply principles and concepts of physics to new situations. Hence, there was an urgent need to bring out a publication that can help the students in their preparation for the forthcoming Board Examination in Physics by not only providing them sufficient quality material for practice but also providing them the desired answers to the questions asked in previous years' for self learning.

The present publication is a sincere effort in that direction. Students are advised to solve problems according to the scheme:

1. Visualise the problem.
2. Take it down on paper.
3. Think about the formulae related with the problem.
4. Make a strategy and solve the problem.

Your answers must be to the point. Divide the question into parts and answer each part precisely. In numericals do not forget to write formulae and the units.

Do not mix up your rough work with the main work.

It is hoped that '*Together with*[®] Physics' will prove to be very useful to the users.

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Suggestions for improvement of the present edition are most welcome and will be gratefully acknowledged and suitably incorporated in the next edition of the book.

—Author

THE SALIENT FEATURES OF THIS BOOK ARE:

1. Summary of each chapter with comprehensive material having all the useful information, relevant formulae and labelled diagram.
2. A good collection of questions/problems at the end of each unit for testing higher mental abilities.
3. Two self-evaluation test papers with difficulty level 1 and 2 at the end of each unit.
4. Questions asked in examinations conducted by various Boards.
5. Three solved latest CBSE sample papers and 15 practice papers.
6. Higher Order Thinking Skills (HOTS) Questions.
7. Fully Solved Latest Examination Papers 2008.