

MATHEMATICS

Textbook For Class X



**Jammu and Kashmir
Board of School Education**



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Foreword

The Jammu and Kashmir Board of School of Education is perpetually striving to upgrade the school Curriculum and courses of studies exclusively in light of National Curriculum Framework 2005. In order to provide comparative, comprehensive and holistic contents / course of studies for the budding learners in the contemporary atmosphere. The review / revision exercise of a book is a perpetual activity to imbibe the concept of modern needs and challenges with a view to harmonize and witness a competent, capable and diligent posterity.

The syllabus in the subject of Mathematics has undergone changes from time to time in accordance with the growth of the subject and the emerging needs of the society. As a matter of fact, Secondary / Higher Secondary stage is a fundamental feature for higher Academic opportunities and also for professional and other competitive course like, medicine, engineering, commerce and computer sciences etc. The present syllabus has been designed to meet the emerging needs of the students to have a link with the real life so that Mathematics is not presented only as a bundle of formulae and mechanical procedures but to remove fear psychosis regarding understanding of the subject of mathematics.

I am highly grateful to the Director NCERT for providing us the necessary textual material for the textbook of JKBOSE. We appreciate the hard work done by the textbook development committee responsible for its development. We place on record our thanks to the Chairperson of the Advisory group in Science and Mathematics, Professor J. V. Narlikar and the Chief Advisors for this book, Professor P. Sinclair of IGNOU, New Delhi and Professor G. P. Dikshat (Retd.) of Lucknow University, for their valuable guidance. Our special thanks go to teachers and subject experts who contributed vehemently in the development and review of this textbook.

Prof. Veena Pandita
CHAIRPERSON



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