



Mathematics I (English)

Author: Deepak Singh

ISBN 13: 978-93-91505-42-4

ISBN 10: 93-91505-42-2

E-ISBN 13: 978-93-91505-42-4

Edition: First

Pages: 180

Type of

book:

Paperback

Year: 2022

Language: English

Publisher: KHANNA BOOK PUBLISHING

Price: Rs 143.55

Categories: AICTE Prescribed Textbooks, English Books,

Khanna Publishing House

Condition

Type:

New

India

Country

Origin:

Product Description

"Mathematics-I" is included as a paper for the first year Diploma program. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is combined with the concept of outcome-based education.

Book cover five Units Trigonometry, Functions and Limit, Differential Calculus, Complex numbers and partial Fraction, Permutation and Combination and Binomial Theorem. In every unit each topic is written in easy and lucid manner. A set of exercise at the end of each unit is clubbed to test the student's comprehension.

Some salient features of the book

- · Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- · Book provides lots of real-world applications, interesting facts, QR Code for E-resources, mini projects, curiosity topics, sample specification table etc.
- \cdot Students and teacher centric subject materials included in book with balanced and chronological manner.
- \cdot Figures, tables and mathematical equations are inserted to improve clarity of the topics.
- \cdot Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- · Comprehensive synopsis of formulae for a quick revision of the basic principles.



Table of Contents

- 1: Trigonometry
- 2: Functions and Limit
- 3: Differential Calculus
- 4: Complex Numbers and Partial Fraction
- 5: Permutation and Combination, Binomial Theorem

Appendices

References for Further Learning

CO and PO attainment Table

Index

Author

Deepak Singh

Deepak Singh

