



## A Textbook of Mathematics: Class XI

By Mahadevaiah

Cengage Learning India, 2014. Softcover. Book Condition: New. First edition. Provides a clear and logical presentation of topics in a simple language Provides critical understanding of the subject and stimulates inquisitiveness into the fundamental aspects Uses the right mix of pedagogy to help students go through and comprehend complex concepts very easily Contains a wide range of solved problems and exercise in order to meet the requirements of competitive examinations Includes add-ons that attract attention to the important takeaways in learning concepts

**UNIT - I: SETS AND FUNCTIONS**  
 1. Sets 2. Relations & Functions 3. Trigonometric Functions

**UNIT - II: ALGEBRA** 4. Principle of Mathematical Induction 5. Complex Numbers and Quadratic Equations 6. Linear Inequalities 7. Permutations & Combinations 8. Binomial Theorem 9. Sequence and Series

**UNIT - III: COORDINATE GEOMETRY** 10. Straight Lines 11. Conic Sections 12. Introduction to Three-Dimensional Geometry

**UNIT - IV: CALCULUS** 13. Limits and Derivatives

**UNIT - V: MATHEMATICAL REASONING** 14. Mathematical Reasoning

**UNIT - VI: STATISTICS & PROBABILITY** 15. Statistics 16. Probability

**MODEL QUESTION PAPER** Printed Pages: 968.



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