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TOTAL
MARKS

NATIONAL SENIOR CERTIFICATE EXAMINATION
NOVEMBER 2021

MATHEMATICS: PAPER I

EXAMINATION NUMBER

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Time: 3 hours

150 marks

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This question paper consists of 24 pages and an Information Sheet of 2 pages (i–ii). Please check that your question paper is complete.
2. Read the questions carefully.
3. Answer all the questions.
4. Write your answers in the spaces provided.
5. You may use an approved non-programmable and non-graphical calculator unless otherwise stated.
6. Clearly show **ALL** calculations, diagrams, graphs, etc. that you have used in determining your answers.

Answers only will NOT necessarily be awarded full marks.

7. Diagrams are not necessarily drawn to scale.
8. If necessary, round off answers to **ONE** decimal place, unless otherwise stated.
9. It is in your own interest to write legibly and to present your work neatly.
10. Three blank pages (pages 22 to 24) are included at the end of the paper. If you run out of space for a question, use these pages. Clearly indicate the question number of your answer should you use this extra space.

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Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	TOTAL
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Table of Contents Ieb Past Papers Grade 12 Mathematics

1. Understanding the eBook Ieb Past Papers Grade 12 Mathematics
 - The Rise of Digital Reading Ieb Past Papers Grade 12 Mathematics
 - Advantages of eBooks Over Traditional Books
2. Identifying Ieb Past Papers Grade 12 Mathematics
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Ieb Past Papers Grade 12 Mathematics
 - User-Friendly Interface
4. Exploring eBook Recommendations from Ieb Past Papers Grade 12 Mathematics
 - Personalized Recommendations
 - Ieb Past Papers Grade 12 Mathematics User Reviews and Ratings
 - Ieb Past Papers Grade 12 Mathematics and Bestseller Lists

5. Accessing Ieb Past Papers Grade 12 Mathematics Free and Paid eBooks
 - Ieb Past Papers Grade 12 Mathematics Public Domain eBooks
 - Ieb Past Papers Grade 12 Mathematics eBook Subscription Services
 - Ieb Past Papers Grade 12 Mathematics Budget-Friendly Options
6. Navigating Ieb Past Papers Grade 12 Mathematics eBook Formats
 - ePub, PDF, MOBI, and More
 - Ieb Past Papers Grade 12 Mathematics Compatibility with Devices
 - Ieb Past Papers Grade 12 Mathematics Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ieb Past Papers Grade 12 Mathematics
 - Highlighting and Note-Taking Ieb Past Papers Grade 12 Mathematics
 - Interactive Elements Ieb Past Papers Grade 12 Mathematics
8. Staying Engaged with Ieb Past Papers Grade 12 Mathematics
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ieb Past Papers Grade 12 Mathematics
9. Balancing eBooks and Physical Books Ieb Past Papers Grade 12 Mathematics
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ieb Past Papers Grade 12 Mathematics
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Ieb Past Papers Grade 12 Mathematics
 - Setting Reading Goals Ieb Past Papers Grade 12 Mathematics
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Ieb Past Papers Grade 12 Mathematics
 - Fact-Checking eBook Content of Ieb Past Papers Grade 12 Mathematics
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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