



Tuesday 4 June 2024 – Afternoon

A Level Mathematics A

H240/01 Pure Mathematics

Time allowed: 2 hours

You must have:

- the Printed Answer Booklet
- a scientific or graphical calculator

QP

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the **Printed Answer Booklet**. If you need extra space use the lined page at the end of the Printed Answer Booklet. The question numbers must be clearly shown.
- Fill in the boxes on the front of the Printed Answer Booklet.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Give non-exact numerical answers correct to **3** significant figures unless a different degree of accuracy is specified in the question.
- The acceleration due to gravity is denoted by $g \text{ ms}^{-2}$. When a numerical value is needed use $g = 9.8$ unless a different value is specified in the question.
- Do not send this Question Paper for marking. Keep it in the centre or recycle it.

INFORMATION

- The total mark for this paper is **100**.
- The marks for each question are shown in brackets [].
- This document has **8** pages.

ADVICE

- Read each question carefully before you start your answer.

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Michael Ling

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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Table of Contents Ocr Mathematics Past Paper J512terminal

1. Understanding the eBook Ocr Mathematics Past Paper J512terminal
 - The Rise of Digital Reading Ocr Mathematics Past Paper J512terminal
 - Advantages of eBooks Over Traditional Books
2. Identifying Ocr Mathematics Past Paper J512terminal
 - 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 Ocr Mathematics Past Paper J512terminal
 - User-Friendly Interface
4. Exploring eBook Recommendations from Ocr Mathematics Past Paper J512terminal
 - Personalized Recommendations
 - Ocr Mathematics Past Paper J512terminal User Reviews and Ratings
 - Ocr Mathematics Past Paper J512terminal and Bestseller Lists
5. Accessing Ocr Mathematics Past Paper J512terminal Free and Paid eBooks
 - Ocr Mathematics Past Paper J512terminal Public Domain eBooks
 - Ocr Mathematics Past Paper J512terminal eBook Subscription Services
 - Ocr Mathematics Past Paper J512terminal Budget-Friendly Options

6. Navigating Ocr Mathematics Past Paper J512terminal eBook Formats
 - ePub, PDF, MOBI, and More
 - Ocr Mathematics Past Paper J512terminal Compatibility with Devices
 - Ocr Mathematics Past Paper J512terminal Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ocr Mathematics Past Paper J512terminal
 - Highlighting and Note-Taking Ocr Mathematics Past Paper J512terminal
 - Interactive Elements Ocr Mathematics Past Paper J512terminal
8. Staying Engaged with Ocr Mathematics Past Paper J512terminal
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ocr Mathematics Past Paper J512terminal
9. Balancing eBooks and Physical Books Ocr Mathematics Past Paper J512terminal
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ocr Mathematics Past Paper J512terminal
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Ocr Mathematics Past Paper J512terminal
 - Setting Reading Goals Ocr Mathematics Past Paper J512terminal
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Ocr Mathematics Past Paper J512terminal
 - Fact-Checking eBook Content of Ocr Mathematics Past Paper J512terminal
 - 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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