



Monday 3 June 2024 – Afternoon

A Level Further Mathematics A

Y541/01 Pure Core 2

Time allowed: 1 hour 30 minutes



You must have:

- the Printed Answer Booklet
- the Formulae Booklet for A Level Further Mathematics A
- 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 pages 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 $g \text{ m s}^{-2}$. 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 **75**.
- 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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Table of Contents Ocr Core 2 June 2013 Paper

1. Understanding the eBook Ocr Core 2 June 2013 Paper
 - The Rise of Digital Reading Ocr Core 2 June 2013 Paper
 - Advantages of eBooks Over Traditional Books
2. Identifying Ocr Core 2 June 2013 Paper
 - 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 Core 2 June 2013 Paper
 - User-Friendly Interface
4. Exploring eBook Recommendations from Ocr Core 2 June 2013 Paper
 - Personalized Recommendations
 - Ocr Core 2 June 2013 Paper User Reviews and Ratings
 - Ocr Core 2 June 2013 Paper and Bestseller Lists
5. Accessing Ocr Core 2 June 2013 Paper Free and Paid eBooks
 - Ocr Core 2 June 2013 Paper Public Domain eBooks
 - Ocr Core 2 June 2013 Paper eBook Subscription Services

- Ocr Core 2 June 2013 Paper Budget-Friendly Options
- 6. Navigating Ocr Core 2 June 2013 Paper eBook Formats
 - ePub, PDF, MOBI, and More
 - Ocr Core 2 June 2013 Paper Compatibility with Devices
 - Ocr Core 2 June 2013 Paper Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ocr Core 2 June 2013 Paper
 - Highlighting and Note-Taking Ocr Core 2 June 2013 Paper
 - Interactive Elements Ocr Core 2 June 2013 Paper
- 8. Staying Engaged with Ocr Core 2 June 2013 Paper
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ocr Core 2 June 2013 Paper
- 9. Balancing eBooks and Physical Books Ocr Core 2 June 2013 Paper
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ocr Core 2 June 2013 Paper
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Ocr Core 2 June 2013 Paper
 - Setting Reading Goals Ocr Core 2 June 2013 Paper
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Ocr Core 2 June 2013 Paper
 - Fact-Checking eBook Content of Ocr Core 2 June 2013 Paper
 - 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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