



Friday 14 June 2024 – Afternoon
GCSE (9–1) Physics A (Gateway Science)
J249/04 (Higher Tier)

Time allowed: 1 hour 45 minutes

You must have:

- a ruler (cm/mm)
- the Equation Sheet for GCSE (9–1) Physics A. (inside this document)

You can use:

- a scientific or graphical calculator
- an HB pencil

H



Please write clearly in black ink. Do not write in the barcodes.

Centre number

Candidate number

First name(s)

Last name

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. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- 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.

INFORMATION

- The total mark for this paper is 90.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- This document has 32 pages.

ADVICE

- Read each question carefully before you start your answer.

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Table of Contents Ocr 4728 June 2013 Ms

1. Understanding the eBook Ocr 4728 June 2013 Ms
 - The Rise of Digital Reading Ocr 4728 June 2013 Ms
 - Advantages of eBooks Over Traditional Books
2. Identifying Ocr 4728 June 2013 Ms
 - 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 4728 June 2013 Ms
 - User-Friendly Interface
4. Exploring eBook Recommendations from Ocr 4728 June 2013 Ms
 - Personalized Recommendations
 - Ocr 4728 June 2013 Ms User Reviews and Ratings
 - Ocr 4728 June 2013 Ms and Bestseller Lists
5. Accessing Ocr 4728 June 2013 Ms Free and Paid eBooks

- Ocr 4728 June 2013 Ms Public Domain eBooks
- Ocr 4728 June 2013 Ms eBook Subscription Services
- Ocr 4728 June 2013 Ms Budget-Friendly Options

6. Navigating Ocr 4728 June 2013 Ms eBook Formats
 - ePUB, PDF, MOBI, and More
 - Ocr 4728 June 2013 Ms Compatibility with Devices
 - Ocr 4728 June 2013 Ms Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Ocr 4728 June 2013 Ms
 - Highlighting and Note-Taking Ocr 4728 June 2013 Ms
 - Interactive Elements Ocr 4728 June 2013 Ms
8. Staying Engaged with Ocr 4728 June 2013 Ms
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ocr 4728 June 2013 Ms
9. Balancing eBooks and Physical Books Ocr 4728 June 2013 Ms
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ocr 4728 June 2013 Ms
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Ocr 4728 June 2013 Ms
 - Setting Reading Goals Ocr 4728 June 2013 Ms
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Ocr 4728 June 2013 Ms
 - Fact-Checking eBook Content of Ocr 4728 June 2013 Ms
 - 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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