



Tuesday 11 June 2024 – Morning

GCSE (9–1) Chemistry A (Gateway Science)

J248/04 (Higher Tier)

Time allowed: 1 hour 45 minutes

You must have:

- a ruler (cm/mm)
- the Data Sheet for GCSE (9–1) Chemistry 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

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Candidate number

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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 **28** pages.

ADVICE

- Read each question carefully before you start your answer.

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Table of Contents Ocr Gateway Science Past Papers

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

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