

**GENERAL CERTIFICATE OF SECONDARY EDUCATION
 TWENTY-FIRST CENTURY SCIENCE
 CHEMISTRY A**

A173/02

(Unit A173: Module C1 (Higher Tier))

Duration: 1 hour

**Candidates should use the question paper.
 A calculator may also be used for this paper.**

OCR Supplied Materials:
 None

Other Materials Required:

- Pencil
- Ruler (centimetre)

**Candidate
 Forename**

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INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

INFORMATION FOR CANDIDATES

- The quality of written communication is assessed in questions marked with a pencil (1–7).
- The Marking Table is printed on the back page.
- The number of marks for each question (given in brackets) is at the end of the question or part question.
- The total number of marks for this paper is **80**.
- This document consists of **20** pages. Any blank pages are indicated.

For Examiner's Use

	Marks	Marks
1	15	
2	15	
3	15	
4	15	
5	15	
6	10	
7	10	
TOTAL	80	

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Table of Contents June 2013 Ocr Mark Scheme C7

1. Understanding the eBook June 2013 Ocr Mark Scheme C7
 - The Rise of Digital Reading June 2013 Ocr Mark Scheme C7
 - Advantages of eBooks Over Traditional Books
2. Identifying June 2013 Ocr Mark Scheme C7
 - 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 June 2013 Ocr Mark Scheme C7
 - User-Friendly Interface
4. Exploring eBook Recommendations from June 2013 Ocr Mark Scheme C7
 - Personalized Recommendations

- June 2013 Ocr Mark Scheme C7 User Reviews and Ratings
- June 2013 Ocr Mark Scheme C7 and Bestseller Lists
- 5. Accessing June 2013 Ocr Mark Scheme C7 Free and Paid eBooks
 - June 2013 Ocr Mark Scheme C7 Public Domain eBooks
 - June 2013 Ocr Mark Scheme C7 eBook Subscription Services
 - June 2013 Ocr Mark Scheme C7 Budget-Friendly Options
- 6. Navigating June 2013 Ocr Mark Scheme C7 eBook Formats
 - ePub, PDF, MOBI, and More
 - June 2013 Ocr Mark Scheme C7 Compatibility with Devices
 - June 2013 Ocr Mark Scheme C7 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of June 2013 Ocr Mark Scheme C7
 - Highlighting and Note-Taking June 2013 Ocr Mark Scheme C7
 - Interactive Elements June 2013 Ocr Mark Scheme C7
- 8. Staying Engaged with June 2013 Ocr Mark Scheme C7
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers June 2013 Ocr Mark Scheme C7
- 9. Balancing eBooks and Physical Books June 2013 Ocr Mark Scheme C7
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection June 2013 Ocr Mark Scheme C7
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine June 2013 Ocr Mark Scheme C7
 - Setting Reading Goals June 2013 Ocr Mark Scheme C7
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of June 2013 Ocr Mark Scheme C7
 - Fact-Checking eBook Content of June 2013 Ocr Mark Scheme C7

- 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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