



**ADVANCED SUBSIDIARY GCE**  
**CHEMISTRY A**  
 Atoms, Bonds and Groups

**F321**

Candidates answer on the question paper

**OCR Supplied Materials:**

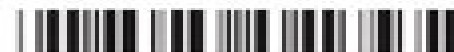
- *Data Sheet for Chemistry A* (Inserted)

**Other Materials Required:**

- Scientific calculator

**Friday 9 January 2009**  
**Afternoon**

**Duration: 1 hour**



Candidate  
Forename

Candidate  
Surname


Centre Number

Candidate Number

**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.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
-  Where you see this icon you will be awarded marks for the quality of written communication in your answer.  
 This means for example you should:
  - ensure that text is legible and that spelling, punctuation and grammar are accurate so that meaning is clear;
  - organise information clearly and coherently, using specialist vocabulary when appropriate.
- You may use a scientific calculator.
- A copy of the *Data Sheet for Chemistry A* is provided as an insert with this question paper.
- You are advised to show all the steps in any calculations.
- The total number of marks for this paper is **60**.
- This document consists of **12** pages. Any blank pages are indicated.

**FOR EXAMINER'S USE**

Qu.	Max.	Mark
1	11	
2	15	
3	14	
4	8	
5	12	
<b>TOTAL</b>	<b>60</b>	

# F321 Jan 2009 Ums Boundaries

**Christian Drosten**



**F321 Jan 2009 Ums Boundaries:**

## The Enigmatic Realm of **F321 Jan 2009 Ums Boundaries**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **F321 Jan 2009 Ums Boundaries** a literary masterpiece penned with a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those who partake in its reading experience.

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