



**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 21 May 2010  
Afternoon**

**Duration: 1 hour**



Candidate  
Reference

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. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.

**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 80.
- This document consists of 18 pages. Any blank pages are indicated.



# F321 2014 May Question Paper

**R Sanford**



**F321 2014 May Question Paper:**

## Embracing the Beat of Expression: An Emotional Symphony within **F321 2014 May Question Paper**

In a world consumed by displays and the ceaseless chatter of immediate connection, the melodic beauty and mental symphony created by the written word usually disappear into the background, eclipsed by the persistent noise and disruptions that permeate our lives. Nevertheless, set within the pages of **F321 2014 May Question Paper** a marvelous fictional prize overflowing with organic thoughts, lies an immersive symphony waiting to be embraced. Crafted by an elegant composer of language, that fascinating masterpiece conducts readers on an emotional journey, well unraveling the hidden tunes and profound impact resonating within each cautiously crafted phrase. Within the depths with this emotional analysis, we will examine the book's main harmonies, analyze its enthralling publishing fashion, and submit ourselves to the profound resonance that echoes in the depths of readers' souls.

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