

**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  
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. 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 **60**.
- This document consists of **16** pages. Any blank pages are indicated.



# F321 June 13 Question Paper

**G Psacharopoulos**



**F321 June 13 Question Paper:**

This book delves into F321 June 13 Question Paper. F321 June 13 Question Paper is a crucial topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into F321 June 13 Question Paper, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:

- Chapter 1: Introduction to F321 June 13 Question Paper
- Chapter 2: Essential Elements of F321 June 13 Question Paper
- Chapter 3: F321 June 13 Question Paper in Everyday Life
- Chapter 4: F321 June 13 Question Paper in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of F321 June 13 Question Paper. The first chapter will explore what F321 June 13 Question Paper is, why F321 June 13 Question Paper is vital, and how to effectively learn about F321 June 13 Question Paper.

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6. In chapter 5, this book will draw a conclusion about F321 June 13 Question Paper. The final chapter will summarize the key points that have been discussed throughout the book.

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