

- Candidates answer on the question paper.
OCR supplied materials:
• One Sheet for Chemistry A is provided.
Other materials required:
• Scientific calculator

Monday 22 May 2012
Afternoon

Duration: 1 hour



Candidate Surname						Candidate Surname					
Centre number						Candidate number					

INSTRUCTIONS FOR CANDIDATES:

- The sheet will be fixed in the centre of this document.
- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- One sheet only. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- 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.
- Answer all the questions.
- Do not write in the bar codes.

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 answers 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 the 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.

Ocr Chemistry F321 Past Papers

Mike Smith

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the 'Mike Smith' text bar.

Ocr Chemistry F321 Past Papers:

OCR A Chemistry AS Student Unit Guide: F321 New Edition Atoms, Bonds and Groups Mike Smith, 2012-08-31 Written by a former senior examiner Mike Smith this OCR A AS Chemistry Student Unit Guide is the essential study companion for Unit F321 Atoms Bonds and Groups This full colour book includes all you need to know to prepare for your unit exam clear guidance on the content of the unit with topic summaries knowledge check questions and a quick reference index examiner s advice throughout so you will know what to expect in the exam and will be able to demonstrate the skills required exam style questions with graded student responses so you can see clearly what is required to get a better grade **OCR(A) AS**

Chemistry Student Unit Guide: Unit F321 Atoms, Bonds and Groups Mike Smith, 2012-01-13 AS Chemistry Student Unit Guide is the essential study companion for Unit F321 Atoms Bonds and Groups This book includes all you need to know to prepare for your unit exam clear guidance on the content of the unit with topic summaries knowledge check questions and a quick reference index examiner s advice throughout so you will know what to expect in the exam and will be able to demonstrate the skills required and exam style questions with graded student responses so you can see clearly what is required to get a better grade **Cambridge International AS and A Level Chemistry** Peter Cann, Peter

Hughes, 2015-03-06 Endorsed by Cambridge Assessment International Education for full syllabus coverage Foster a deeper understanding of theoretical concepts through clear guidance and opportunities for self assessment throughout covers the entire Cambridge International AS A Level Chemistry syllabus 9701 Navigate the different routes through the course with ease with clearly divided sections for AS and A Level Focus learning with learning outcomes clearly defined at the beginning of each section Test knowledge and understanding with past paper and exam style questions Address the Key Concepts in the syllabus which are clearly highlighted throughout the course The Revision and Practice CD included with every Student s Book provides interactive tests summaries of each topic and advice on examination techniques *My Revision Notes: OCR*

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revision these guides explain the unit requirements summarise the content and include specimen questions with graded

answers Each full colour New Edition Student Unit Guide provides ideal preparation for your unit exam Feel confident you understand the unit each guide comprehensively covers the unit content and includes topic summaries knowledge check questions and a reference index Get to grips with the exam requirements the specific skills on which you will be tested are explored and explained Analyse exam style questions graded student responses will help you focus on areas where you can improve your exam technique and performance OCR Chemistry AS Dave Gent,2008 OCR Revise AS Chemistry Mike Wooster,Helen Eccles,2008 Written by experienced examiners this title offers tips on tricky areas and questions on each topic

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