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# AS Level Chemistry A H032/01 Breadth in chemistry Sample Question Paper

Date – Morning/Afternoon

Version 2.1

Time allowed: 1 hour 30 minutes

You must have:

. the Data Sheet for Chemistry. A

You may use:

· a scientific or graphical calculator



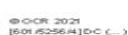
First name		
Last name	G	
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#### INSTRUCTIONS

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer all the questions.
- Where appropriate, your answers should be supported with working. Marks may
  be given for a correct method even if the answer is incorrect.
- Write your answer to each question in the space provided.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do not write in the bar codes.

#### INFORMATION

- The total mark for this paper is 70.
- The marks for each question are shown in brackets [ ].
- This document consists of 28 pages.



# **Ocr Chemistry Past Papers 2013**

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#### **Ocr Chemistry Past Papers 2013:**

OCR A Chemistry A2 Student Unit Guide: Unit F324 New Edition: Rings, Polymers and Analysis ePub Mike Smith, 2013-01-25 Student Unit Guides are perfect for revision Each guide is written by an examiner and explains the unit requirements summarises the relevant unit content and includes a series of specimen questions and answers There are three sections to each guide Introduction includes advice on how to use the guide an explanation of the skills being tested by the assessment objectives an outline of the unit or module and depending on the unit suggestions for how to revise effectively and prepare for the examination questions Content Guidance provides an examiner's overview of the module s key terms and concepts and identifies opportunities to exhibit the skills required by the unit It is designed to help students to structure their revision and make them aware of the concepts they need to understand the exam and how they might analyse and evaluate topics Question and Answers sample questions and with graded answers which have been carefully written to reflect the style of the unit All responses are accompanied by commentaries which highlight their respective strengths and weaknesses OCR A Chemistry A2 Student Unit Guide: Unit F325 New giving students an insight into the mind of the examiner Edition: Equilibria, Energetics and Elements ePub Mike Smith, 2013-02-22 Written by a former senior examiner Mike Smith this OCR A A2 Chemistry Student Unit Guide is the essential study companion for Unit F325 Equilibria Energetics and Elements 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 Yearbook of International Organizations 2014-2015, Volumes 1a & 1b (Set) Union of International Associations, 2014-06-16 Volume 1 A and B covers international organizations throughout the world comprising their aims activities and events **Security Owner's Stock Guide** Standard and Poor's Corporation,1988 American Export Register ,1998 A Level Chemistry For OCR Pasan Witharana, 2022-06 Prepare for OCR A Level Chemistry with over 500 guestions answers and mind maps covering various topics Learn everything you need to know for your exams while working on your exam technique This book aims to maximise your revision time by following the high yield revision approach Edited by a specialist OCR examiner the answers in the book follow the marking scheme answer format Learn the subject content through questions and answers Mind maps to consolidate learning for effective revision and maximise study time Practice all question styles including multiple choice extended answer and multi step calculations Learn to answer effectively to score the maximum marks Answers to all practise questions are provided Develop your exam technique and face the exam with confidence **OCR Chemistry AS** Dave AS-level chemistry Richard Parsons, 2008 AS Level Chemistry OCR A Complete Revision Practice Gent,2008 AS OCR Chemistry J. Older, Mike Smith, 2008-03-01 This textbook has Chemistry AS Dave Gent, Rob Ritchie, 2008-04-01

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web easy handling bolt numbering shall be done clockwise around the flange with the following sequence the table below shows the torque sequence for flanges with 4 to 32 bolts number of bolt studbolt tightening sequence to follow4 bolt flange1 3 2 48 bolt flange1 5 3 7 2 6 4 812 bolt flange1 7 4 10 2 8 5 11 3 9 6 1216 bolt

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web for flanges with 12 or more bolts 1 st round 20 percent of final torque 2 nd round 40 percent of final torque 3 rd round 80 percent of final torque 4 th round 100 percent of final torque final round clockwise or counter clockwise around the flange please take note the above bolt tightening sequences are the most

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 $\begin{array}{c} \text{web number of bolt stud bolt tightening sequence to follow 4 bolt flange 1 3 2 4 8 bolt flange 1 5 3 7 2 6 4 8 12 bolt flange 1 7 4 10 2 8 5 11 3 9 6 12 16 bolt flange 1 9 5 13 3 11 7 15 2 10 6 14 4 12 8 16 20 bolt flange 1 11 6 16 3 13 8 18 5 15 10 20 2 12 7 17 4 14 9 19 24 bolt flange \\ \end{array}$ 

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web ensure the bolt lengths allow for a minimum of 2 3 threads protruding beyond the top of the nut when tightened bolts must be tightened according to the below sequence options assemble bolts hand tight maximum 30 of final tightening torque as per below cross pattern sequences

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web step 1 liberally lubricate all load bearing surfaces including threads and flat washers then install and finger tighten all fasteners number the bolts flange according to the bolt torque sequence step 2 set the torque wrench to 1 3 of the target torque value and tighten in an order bolts 1 2 3 4 until all have been tightened <a href="https://hytorc.nlm.number.

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