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EXAMINATION

## MATHEMATICS

## Paper 02 – General Proficiency

*2 hours 40 minutes***READ THE FOLLOWING INSTRUCTIONS CAREFULLY.**

1. This paper consists of TWO sections: I and II.
2. Section I has SEVEN questions and Section II has THREE questions.
3. Answer ALL questions, writing your answers in the spaces provided in this booklet.
4. Numerical answers that are non-exact should be given correct to 3 significant figures or 1 decimal place for angles in degrees unless a different level of accuracy is specified in the question.
5. Do NOT write in the margins.
6. All working MUST be clearly shown.
7. A list of formulae is provided on page 4 of this booklet.
8. If you need to rewrite any answer and there is not enough space to do so on the original page, you must use the extra page(s) provided at the back of this booklet. Remember to draw a line through your original answer.
9. If you use the extra page(s), you MUST write the question number clearly in the box provided at the top of the extra page(s) and, where relevant, include the question part beside the answer.
10. ALL diagrams in this booklet are NOT drawn to scale, unless otherwise stated.

Required Examination Materials

Electronic calculator  
Geometry set

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01234020/J/CSEC/2024



# Jan 2chwjec As Paper

**Clemens Wendtner**



## **Jan 2chwjec As Paper:**

*2012 GCSE English results* Great Britain: Parliament: House of Commons: Education Committee, 2013-06-11 The 2012 GCSE English results prompted significant controversy which ultimately resulted in an application for judicial review This report sets out the background to these events and identifies lessons to be learned The problems with GCSE English can be traced back to the 2007 09 development phase of the qualification in particular the turbulence which resulted from the shift away from a mostly linear to a modular system combined with a high proportion of controlled assessment and generous marking tolerances Exam board experts raised concerns at the time but these were not acted upon by the regulator the then interim Ofqual Further difficulties arose because of pressures from the school accountability system The problems experienced with GCSE English in 2012 highlighted serious weaknesses in the moderation of speaking and listening with consequences for grade awarding The current status of Ofqual as an independent regulator accountable to Parliament is the right one However the Coalition Government is bringing in wholesale changes to GCSEs and A levels to a tight timetable and at the same time Ofqual must have systems in place The Committee is also concerned that there is a rush towards separate exam systems for England Wales and Northern Ireland without careful reflection on what might be lost or consensus that this is the right thing to do

**The Times Index**, 2009 Indexes the Times Sunday times and magazine Times literary supplement Times educational supplement Times educational supplement Scotland and the Times higher education supplement **How to Read Texts** Neil McCaw, 2013-11-21 Now covering multi media texts and practical advice on essay writing and independent research this is an essential guide to critical reading at university level **Policy-making in Education** D. W. Thoms, 1980 *Mathematics* Mark Patmore, Brian Seager, 2006 Written by examiners and experienced teachers this work offers study and homework support throughout GCSE It is useful as a reference source a lesson back up and a revision guide

**Debates in Mathematics Education** Dawn Leslie, Heather Mendick, 2013-10-01 Debates in Mathematics Education explores the major issues that mathematics teachers encounter in their daily lives It engages with established and contemporary debates promotes and supports critical reflection and aims to stimulate both novice and experienced teachers to reach informed judgements and argue their point of view with deeper theoretical knowledge and understanding Written by experts in the field of mathematics education it investigates and offers fresh insight into topics of central importance including Gender social inequality and mathematics Mathematics politics and climate change The history and culture of mathematics Using popular culture in the mathematics classroom The concept of ability and its impact on learning What we mean by teaching for understanding Choosing and using examples in teaching The fitness of formal examinations Designed to stimulate discussion and support you in your own research writing and practice Debates in Mathematics Education will be a valuable resource for any student or practising teacher engaged in initial teacher training continuing professional development or Masters level study It also has much to offer to those leading initial teacher education programmes and to

beginning doctoral students looking for a survey of the field of mathematics education research      **AEJMC News** ,2006  
*The School Science Review* ,2006      *Model Answers in Pure Mathematics for A-level Students* Gerald Alfred Pratt,C. W. Schofield,1966      Parliamentary Debates (Hansard). Great Britain. Parliament. House of Commons,2010      *Information Systems for You* Stephen Doyle,2001 Combined with information systems for you Skillbuilder this text and supporting pack will provide you and your students with all you need for GCSE ICT and coursework success This new edition offers the most complete support for ICT GCSE available and is now fully in line with the new 2001 curriculum specifications Contains comprehensive advice on coursework preparation Website answers are available for every question and exercise in the book Visit [www.isforyou.co.uk](http://www.isforyou.co.uk)      *The administration of examinations for 15-19 year olds in England* Great Britain: Parliament: House of Commons: Education Committee,2012-07-03 Additional written evidence is contained in Volume 3 available on the Committee website at [www.parliament.uk/educom](http://www.parliament.uk/educom)      *O Level Examined* Alan S. Willmott,Cedric G. W. Hall,1975      *Key Ideas in Sociology* Martin Slattery,1991      Education ,1961      **Coleg Harlech** Peter Stead,1977      **The A.M.A.** ,1952  
*The Parliamentary Debates (Hansard)*. Great Britain. Parliament. House of Lords,1992      **Bibliographic Guide to Art and Architecture** New York Public Library. Art and Architecture Division,1975      **Parliamentary Papers** Great Britain. Parliament. House of Commons,1980

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