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Pearson Edexcel Level 3 GCE

Tuesday 4 June 2024

Afternoon (Time: 2 hours)

Paper
reference

9MA0/01

Mathematics
Advanced
PAPER 1: Pure Mathematics 1

You must have:

Mathematical Formulae and Statistical Tables (Green), calculator

Total Marks

Candidates may use any calculator allowed by Pearson regulations. Calculators must not have the facility for symbolic algebra manipulation, differentiation and integration, or have retrievable mathematical formulae stored in them.

Instructions

- Use **black** ink or ball-point pen.
- If pencil is used for diagrams/sketches/graphs it must be dark (HB or B).
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions and ensure that your answers to parts of questions are clearly labelled.
- Answer the questions in the spaces provided
– there may be more space than you need.
- You should show sufficient working to make your methods clear. Answers without working may not gain full credit.
- Inexact answers should be given to three significant figures unless otherwise stated.

Information

- A booklet 'Mathematical Formulae and Statistical Tables' is provided.
- There are 15 questions in this question paper. The total mark for this paper is 100.
- The marks for **each** question are shown in brackets
– use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ➤

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Mathematics A Edexcel

John Casson, Keith Pledger



Mathematics A Edexcel:

Edexcel International GCSE (9-1) Mathematics Student Book Third Edition Alan Smith, Sophie Goldie, 2021-11-04
Endorsed for Edexcel Nurture and strengthen your students mathematical skills these expert written textbooks consolidate knowledge with worked examples test key skills through practice and extend learning using enrichment activities designed to excite and challenge students Support and develop a deeper understanding of topics with plenty of worked examples and practice questions that follow the types of problems students are likely to face Introduce students to content with fun activities and clear learning objectives at the start of each chapter Build problem solving skills with questions that test students knowledge and comprehension Further understanding and ignite an enthusiasm for maths with internet challenges that extend learning beyond the curriculum and help to engage students Offer a complete package of support with free downloadable resources that include detailed worked examples and answers plus informative Personal Tutor videos for each chapter

GCSE Mathematics for Edexcel Higher Student Book Karen Morrison, Julia Smith, Pauline McLean, Nick Asker, Rachael Horsman, 2015-05-21 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Endorsed for the Edexcel GCSE Mathematics Higher tier specification for first teaching from 2015 this Student Book provides full coverage of the new GCSE Mathematics qualification With a strong focus on developing problem solving skills reasoning and fluency it helps students understand concepts apply techniques solve problems reason interpret and communicate mathematically Written by experienced teachers it also includes a solid breadth and depth of quality questions set in a variety of contexts GCSE Mathematics Online an enhanced digital resource incorporating progression tracking is also available as well as a free Teacher s Resource Problem solving Books and Homework Books

Heinemann Modular Maths Edexcel Further Pure Maths 3 Geoff Mannall, Michael Kenwood, 2004-10 Drawing on over 10 years experience of publishing for Edexcel maths Heinemann Modular Maths for Edexcel AS and A Level brings you dedicated textbooks to help you give your students a clear route to success now with new Core maths titles to match the new 2004 specification Further Pure 3 replaces Pure 6 in the new specification

New Grade 9-1 Edexcel International GCSE Maths 10-Minute Tests - Higher (includes Answers) CGP Books, 2019-01-03

Mechanics John Hebborn, Jean Littlewood, 2000 A syllabus specific textbook providing worked examples exam level questions and many practice exercises in accordance to the new Edexcel AS and Advanced GCE specification

A-Level Mathematics for Edexcel Statistics 1
CGP Books, Richard Parsons, 2012-05-01 AS A Level Maths for Edexcel Statistics 1 Student Book

GCSE Mathematics for Edexcel Higher Problem-solving Book Tabitha Steel, Coral Thomas, Mark Dawes, Steven Watson, 2015-07-02 A new series of bespoke full coverage resources developed for the 2015 GCSE Mathematics qualifications Created specifically for the Edexcel GCSE Mathematics Higher tier specification for first teaching from 2015 this Problem solving Book contains a variety of questions for students to develop their problem solving and reasoning skills within the context of the new GCSE

curriculum Suitable for all Higher tier students this resource will stretch the more able and provide support to those who need it Questions with worked solutions will help students develop the reasoning interpreting estimating and communication skills required to help them effectively solve problems Encouraging progression by promoting higher level thinking our Problem solving Books will help prepare students for further study

Edexcel IGCSE Mathematics A. ,2009 *Edexcel International GCSE (9-1) Mathematics Practice Book Third Edition* Trevor Johnson,Tony Clough,2016-09-30 Exam Board Edexcel Level GCSE Subject Mathematics First Teaching September 2015 First Exam Summer 2017 Endorsed for Edexcel Provide structured support and extra practice with a wealth of problem solving and exam style questions in this fully updated edition written by an author team experienced in teaching and examining Enables students to maximise their grade potential and develop their exam skills with 700 exam style questions Supports you and your students through the new specifications with over 100 additional questions addressing every part of the new syllabus such as the increase in Algebra Helps build problem solving and mathematical reasoning skills with a dedicated chapter covering all topics and subject areas with new questions to challenge the most able students Offers support for Higher tier students during their course and when revising for exams

Edexcel GCSE Mathematics B Modular Foundation ,2010 **Pure Mathematics** Geoff Mannall,H. M. Kenwood,2000 A syllabus specific textbook providing worked examples exam level questions and many practice exercises in accordance to the new Edexcel AS and Advanced GCE specification

The Mathematical Gazette ,2001 **Statistics 1** Greg Attwood,Gill Dyer,Gordon Skipworth,2000 This book is designed to provide you with the best preparation possible for your Edexcel S1 exam

New A-Level Maths for Edexcel: Pure Mathematics - Year 2 Student Book (with Online Edition) CGP Books,2019-09 **New Grade 9-1 GCSE Maths Edexcel Student Book - Foundation (with Online Edition)** CGP Books,2019-05 Mathematics ,2020-08 Edexcel GCSE Mathematics John Casson,Keith Pledger,2001 A complete course for GCSE this text contains clear explanations of key ideas graded exercises worked examples past paper questions and practice exam papers Answers are also included The Foundation course is targeted towards lower ability students

Mathematics ,2020-08 *New A-Level Maths Edexcel Complete Revision & Practice (with Video Solutions)* ,2021-12-20 This superb all in one Complete Revision Practice Guide has everything students need to tackle the A Level Maths exams It covers every topic for the Edexcel course with crystal clear revision notes and worked examples to help explain any concepts that might trip students up It includes brand new Spot the Mistakes pages allowing students to find mistakes in mock answers as well as sections on Modelling Problem Solving and Calculator Use We ve also included exam style practice questions to test students understanding with step by step video solutions for some of the trickier exam questions For even more realistic exam practice make sure to check out our matching Edexcel Exam Practice Workbook 9781782947400

Pure Mathematics Greg Attwood,Harry Smith,2017 Edexcel AS and A level Mathematics Pure Mathematics Year 1 Textbook

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