



**Friday 14 June 2024 – Afternoon**  
**GCSE (9–1) Physics A (Gateway Science)**  
**J249/04 (Higher Tier)**  
**Time allowed: 1 hour 45 minutes**

**You must have:**

- a ruler (cm/mm)
- the Equation Sheet for GCSE (9–1) Physics A (inside this document)

**You can use:**

- a scientific or graphical calculator
- an HB pencil

**H**



Please write clearly in black ink. Do not write in the barcodes.

Centre number

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Candidate number

--	--	--	--

First name(s)

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Last name

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**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.

**INFORMATION**

- The total mark for this paper is **90**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has **32** pages.

**ADVICE**

- Read each question carefully before you start your answer.

# Ocr Physics G48past Paper

**JR Anderson**



## Ocr Physics G48past Paper:

OCR Physics AS Level Student Book Robert Hutchings,Roger Hackett,2008-01-21 A student resource that supports readers through the transition from GCSE to Further Education It integrates How Science Works throughout to help students understand the underlying principles of science It includes worked examples and exam style questions that demonstrate how to approach complex questions     **A Level Physics for OCR A: Year 1 and AS** Gurinder Chadha,Graham Bone,Nigel

Saunders,2016-05-05 Please note this title is suitable for any student studying Exam Board OCR Level A Level Year 1 and AS Subject Physics First teaching September 2015 First exams June 2016 Written by curriculum and specification experts this Student Book supports and extends students throughout their course whilst delivering the breadth depth and skills needed to succeed at A Level and beyond     **OCR a Level Physics a Year 1 Revision Guide** Gurinder Chadha,2016-05-18 The OCR A

Level Physics A Revision Guide provides comprehensive specification matched content packed with engaging revision and practice material to keep you focused It also contains a wealth of exam style questions to test your knowledge and skills to help you fully prepare for the exams     *A Level Advancing Physics for OCR B: Year 2* John Miller,2016-05-05 New and updated resources tailored to the 2015 Advancing Physics specification from OCR s resource partner With new accessible format and features throughout these resources retain the ethos of Advancing Physics while providing full support for the new linear qualification This Student Book contains two year s worth of content and covers the full A Level qualification

OCR As/A Level Physics A. Student Book. Per Le Scuole Superiori Mike O'Neill,2015 Created for the new 2015 OCR AS and A level specifications our new Student Books cover the topics comprehensively developing scientific thinking in your students providing them with a deep understanding of the subject and creating confident independent scientists     Revision

Plus - OCR 21st Century GCSE Physics Consultant Anaesthetist Iain Wilson, (Re,Iain Wilson,Matthew Priestley,Adam Bailey,Steve Wiseman,Andrew MacAdam,2011-09-01 This physics companion is carefully matched to the exam board specification for focused study Clear explanations and supporting diagrams ensure understanding and help students to prepare for the exam with confidence     **OCR AS/a Level Physics a Student** Mike O'Neill,2015-05-29 Created for the new

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Balcombe,2016-08-19 Our Revision Workbooks are designed to help students develop vital skills throughout the course and build their confidence in preparation for the exam with guided questions unguided questions practice papers and a full set of answers     **A Level Advancing Physics for OCR B: Year 1 and AS** John Miller,2016-05-05 New and updated resources

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each unit overview of How Science Works      New 2015 A-level Physics Cgp Books,2015      OCR Gateway GCSE Physics 9-1 Student Book (GCSE Science 9-1) Sandra Mitchell,Charles Golabek,2021-09-20 Exam Board OCR Level Subject GCSE Physics First teaching September 2016 First exams June 2018 OCR endorsed      **Physics for OCR A for Double Award** Sandra Mitchell,Chris Sherry,2001 This series is for schools following OCR A double or separate award for GCSE science The resources offer preparation for the OCR exams with teacher support to minimise time spent on administration The teacher s resources are available on CD ROM in a fully customizable format      Revision Plus - Ocr Gateway Gcse Physics Averil Macdonald,2011-09-01 This physics revision and classroom companion is carefully matched to the exam board specification for focused study Clear explanations and supporting diagrams ensure understanding and help students to prepare for the exam with confidence

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