

Please check the examination details below before entering your candidate information

Candidate surname					Other names				
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**Pearson Edexcel International GCSE (9–1)**

Time 2 hours

Paper reference **4PH1/1P 4SD0/1P**

**Physics**

**UNIT: 4PH1**

**Science (Double Award) 4SD0**

**PAPER: 1P**

You must have:  
Ruler, calculator, protractor

Total Marks

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided  
– there may be more space than you need.
- Show all the steps in any calculations and state the units.

### Information

- The total mark for this paper is 110.
- 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.
- Write your answers neatly and in good English.
- Try to answer every question.
- Check your answers if you have time at the end.

Turn over ➞



# Edexcel Physics Past Papers Gcse

**Chris Carter**



## Edexcel Physics Past Papers Gcse:

*Complete Physics* Stephen Pople, 1999 Stephen Pople one of today's most respected science authors has created a totally new physics book to prepare students for examinations. *Complete Physics* covers all syllabuses due to a unique combination of Core Pages and Further Topics. Each chapter contains core material valid for all syllabuses. Further Topics at the end can be selected to provide the right mix of pages for the syllabus you are teaching. Key Points. Totally new book constructed from an analysis of all GCSE Physics syllabuses including IGCSE CXC and O Level. Sets the traditional principles of physics in a modern and global perspective and uses illustrations with a worldwide context. Extra topics to give a truly rounded curriculum. Double page spread format. Ideal for those students intending to take physics to a more advanced level.

**The Art of Uncertainty** David Spiegelhalter, 2025-03-04 Named a Best Book of the Year by Forbes and The Economist. From our greatest living statistical communicator Tim Harford comes an invaluable data-driven guide for understanding and learning to embrace risk and uncertainty in our daily lives. How dangerous is our diet? How much of sports falls into the realm of luck? When authorities categorize a given event as highly likely, how likely is that really? Whether we're trying to decide if the benefits of a new medication are worth the chance of side effects or if artificial intelligence truly threatens humanity, our lives are riddled with uncertainties, both everyday and existential, yet it can be difficult to know how to properly weigh all those unknowns. Luckily for us, renowned statistician David Spiegelhalter has spent his career dissecting data to resolve the apparently random and decode the many decisions we face with imperfect information. In *The Art of Uncertainty*, he shows how we can become better at dealing with what we don't know to make smarter choices in a world so full of puzzling variables. In lucid, lively prose, Spiegelhalter guides us through the principles of probability, illustrating how they can help us think more analytically about everything from medical advice to sports to climate change forecasts. He demonstrates how taking a mathematical approach to phenomena we might otherwise attribute to fate or luck can help us sort hidden patterns from mere coincidences, better evaluate cause and effect, and predict what's likely to happen in the future. Along the way, we learn how a misinterpretation of a probability contributed to the infamous Bay of Pigs fiasco, why a ship twice the size of the Titanic sank without a trace, and why we can be so confident that no two properly shuffled decks of cards have ever been in the same order. Sparkling with wit and fascinating real-world examples, this is an essential guide to navigating uncertainty while also retaining the humility to admit what we don't or simply cannot know.

*Physics* Chris Carter, 2001 Frustrated with exam guides that provide mainly content and only a few questions. Or the opposite with just practice questions but with no content for support. Oxford Facts and Practice are here to help, and they do just what they say on the cover: give facts and practice for A Level. All that students need to know in 56 pages. Designed for the new A and AS Level specifications, each book starts with tips on exam technique and a description of the main specifications. The authors all work in a tutorial college and are very experienced in preparing students for examinations from all of the exam groups. The books have been extensively

trialled to ensure that they provide lucid explanations at the right level of detail      *GCSE Physics Edexcel Practice Papers - Higher* Richard Parsons,2007-09-18 GCSE Physics Edexcel Practice Papers Higher      *Succeeding in the Biomedical Admissions Test (BMAT)* BPP Learning Media,2012-12-01 Succeeding in the Biomedical Admissions Test is a comprehensive guide that provides prospective applicants with the information necessary to achieve the desired results on the BMAT including practice questions and a full mock exam      *Learning to Teach Science in the Secondary School* Jenny Frost,Tony Turner,2005 The second edition of this popular student textbook presents an up to date and comprehensive introduction to the process and practice of teaching and learning science It takes into account changes in science education since the first edition was published including more recent curriculum reform This new edition builds upon the success of its predecessor introducing new material on the use of ICT in science teaching as well as providing sound informative and useful discussion on managing your professional development knowledge concepts and principles of science planning for learning and teaching in science practical teaching strategies selecting and using resources assessment and examinations and the broader science curriculum Midwest      **Learning to Teach Science in the Secondary School** Rob Toplis,Jenny Frost,2004-07-15 The second edition of this popular student textbook presents an up to date and comprehensive introduction to the process and practice of teaching and learning science in the secondary school      *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      *Nelson Modular Science* Paul Collison,2002 Book 1 covers Six Single Award one Coursework Modules Each module is covered in self contained units with one module in Book 1 fully devoted to Sc1 Investigation Skills Ideas and Evidence in Science is fully covered with ICT links throughout to supplementary reading materials and activities in a dedicated website A Teacher s Resource pack complements this textbook offering comprehensive support and guidance It also contains a dedicated website      *GCSE Edexcel Physics* ,      *Choosing Your A-Levels and Other Post-16 Options* Gary Woodward,2008-09-15 This book gives an overview of the different courses and qualifications available to young people post GCSE It profiles over 40 of the most popular A level AS level and new diploma subject areas listing everything students need to know to make an informed choice The only book on the market to link post 16 options to future career aspirations it contains independent advice providing all the options so that students can choose which route is best for them without outside influence pressure Easily navigable it is divided into sections by subject area and listed alphabetically making it easy for students to browse Author Gary Woodward is a qualified careers consultant and has significant experience of advising young people about education and career options as well as job hunting      **9-1 GCSE Physics Edexcel Revision Question Cards** CGP Books,2019-02-13      **Information Magazine** ,2007      *Gcse Physics Edexcel Revision Guide* CGP Books,Richard Parsons,2011-06-01 GCSE Physics Edexcel Revision Guide with online edition      *New Grade 9-1 GCSE Physics: Edexcel Exam Practice Workbook* CGP Books,2016-05-09      *New GCSE Physics* Sarah Mansel,2013-09-16

This Collins all in one revision guide and exam practice workbook for GCSE physics shows what each student needs to do to move up a grade with lots of practice questions to support progression      *New Grade 9-1 Edexcel International GCSE Physics: 10-Minute Tests (with Answers)* CGP Books,2018-12-03      The British National Bibliography Arthur James Wells,2006      **GCSE Physics** Richard Parsons,2011      *Physics Revision Guide* ,2007-11-19 This revision guide provides in depth coverage of all the externally assessed course content for GCSE Edexcel Physics This book can be used to support study throughout the course and as a revision aid in the build up to exams In depth coverage provides everything required for thorough exam preparation Detailed explanations and diagrams help consolidate and build on knowledge throughout the course Clear design and direct references to the specification provide structured revision and maximum assurance This revision guide provides in depth coverage of all the externally assessed course content for GCSE Edexcel Physics This book can be used to support study throughout the course and as a revision aid in the build up to exams In depth coverage provides everything required for thorough exam preparation Detailed explanations and diagrams help consolidate and build on knowledge throughout the course Clear design and direct references to the specification provide structured revision and maximum assurance

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