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Candidate surname					Other names				
Centre Number					Candidate Number				

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:
 Rule, 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 Gcse Physics Past Papers

Stephen Pople



Edexcel Gcse Physics Past Papers:

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 [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 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 *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

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