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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:  
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 ➞



# Physics Gcse Edexcel Past Papers P

**John Keighley, Stephen Doyle**



## **Physics Gcse Edexcel Past Papers P:**

**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

**My Revision Notes: Edexcel International GCSE (9-1) Physics** Ian Horsewell,2018-11-05 Target success in Edexcel International GCSE Physics with this proven formula for effective structured revision key content coverage is combined with exam style tasks and practical tips to create a revision guide that students can rely on to review strengthen and test their knowledge Plan and manage a successful revision programme using the topic by topic planner Consolidate subject knowledge by working through clear and focused content coverage Test understanding and identify areas for improvement with regular Now Test Yourself tasks and answers Improve exam technique through practice questions expert tips and examples of typical mistakes to avoid Get exam ready with extra quick quizzes and answers to the practice questions available online

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 Edexcel Science** John Watts,2006 Provides comprehensive notes for students studying the Edexcel Science single award specification

Pearson Edexcel International GCSE (9-1) History:

Paper 1 Depth Studies Rob Bircher,Jennifer McCullough,Rob Quinn,2021-06-14 Exam board Pearson Edexcel Level International GCSE 9 1 Subject History First teaching September 2017 First exams Summer 2019 Endorsed for Pearson Edexcel qualifications Follow the tried and tested methods of bestselling author Ben Walsh This book builds the skills required for exam success helps students to remember all the content and makes History really interesting The authors have listened to feedback from teachers and students about the challenging aspects of the specification to ensure that they deliver the support you need You can rely on this textbook to Straightforward language manageable chunks of text and plenty of bullet points guide you through the content which is covered in the amount of depth that students need Ben Walsh is known

for selecting memorable sources and extracts that work alongside the narrative to draw out the big concepts within each topic The features in the book are designed to consolidate students knowledge of the key points from Focus boxes and regular Knowledge check questions to end of chapter summaries Activities throughout the chapters and larger Focus tasks teach students how to select organise and use their knowledge to explain analyse evaluate and make judgements Clear explanations of the exam requirements analysis of what a good answer might look like and handy tips help students to feel confident and prepared This book covers the following units Depth studies      **The Essentials of GCSE Edexcel Additional Science** John Watts,Aleksander Jedrosz,Susan Loxley,2006 Provides comprehensive revision notes for students studying the Edexcel additional Science specification      **Essential Skills for GCSE Physics** Roy White,2019-07-08 Build essential maths literacy and working scientifically skills to boost marks in GCSE Physics and ensure that students reach their full potential Suitable for all specifications this skills book provides additional support and will help to Sharpen mathematical skills with plenty of practice questions and coverage of all the maths techniques needed for the exams Improve literacy skills with tips on how to write longer answers plus peer assessment marking activities Develop the working scientifically skills needed to plan carry out and evaluate practical experiments in order to secure the maximum number of marks Build confidence by putting skills into practice using our three step formula students will progress from worked examples to guided questions and exam style questions with fully worked solutions in the book Raise performance in the exams with practical advice on how to revise effectively and tips on understanding the questions command words and assessment objectives      *Nelson Modular Science* Paul Collison,David Kirkby,Averil Macdonald,2003 As part of the Nelson Modular Science series the foundation books focus on the foundation level work in each module Each module is covered in self contained units Two colour support books cover all the foundation tier material to Double Award and they can be used alongside the main texts as additional support or as stand alone resources Edexcel Modular Science B specifications Ideas and evidence in science are fully covered with links throughout to supplementary reading materials and ICT activities on a dedicated website      *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

**Nelson GCSE Modular Science** Paul Collison,2002 Foundation Book 1 is developed for those taking the Foundation Tier Single Award modules and Foundation Book 2 is for the Foundation Tier Double Award Modules The features include a clear identification of Topic Areas Learning Outcomes Key Facts and Did You Know sections Each module is covered in self contained units Practice questions are included in every section for confidence building and thorough exam preparation Support for Book 1 can be found in Teacher Support Pack Book 1

*Work Out Physics GCSE* John Keighley,Stephen Doyle,1998-11-11 This book has been thoroughly updated to include new curriculum material on environmental issues alternative sources of energy and scientific investigation Stephen Doyle includes both extension material and work that students of double science would look for in a Physics revision guide Suitable for use with all Boards syllabuses *Work Out Physics GCSE* contains syllabus analysis coverage of all you need to know plentiful worked examples and revision tips

[Revise GCSE Business Studies \(2010 Exams Only\)](#) David Floyd,2005 New editions of the bestselling Revise GCSE Study Guides with a fresh new look and updated content in line with curriculum changes Revise GCSE contains everything students need to achieve the GCSE grade they want Each title has been written by a GCSE examiner to help boost students learning and focus their revision Each title provides complete curriculum coverage with clearly marked exam board labels so students can easily adapt the content to fit the course they are studying Revise GCSE is an ideal course companion throughout a student s GCSE study and acts as the ultimate Study Guide throughout their revision

**Nelson Modular Science** Lesley Butcher,Philip Eastwood,Averil Macdonald,2002 The Nelson Modular Science series is made up of three books divided into Single Double and Triple Award modules Book 1 covers six Single Award modules and one coursework module Book 2 contains six Double Award modules whilst Book 3 covers the six Triple Award modules Each module is covered in self contained units The series matches the Edexcel Modular Science B specifications It is fully covered with links throughout to supplementary reading materials and ICT activities on a dedicated website

*Edexcel International GCSE Physics Student Book Second Edition* Nick England,2017-11-27 Exam Board Edexcel Level IGCSE Subject Science First Teaching September 2017 First Exam June 2019 Build students knowledge with in depth yet accessible scientific content Test understanding with study questions throughout the book Prepare students for the exam

with sample answers and expert comments plus exam style questions for every section Build practical skills with coverage of all required practicals plus further suggested experiments Develop mathematical skills with helpful tips throughout Challenge higher ability students with extension extend and challenge activities Answers to all activities freely available online

**Revise GCSE Physical Education (2010 Exams Only)** Don E. Webster, 2005 New editions of the bestselling Revise GCSE Study Guides with a fresh new look and updated content in line with curriculum changes Revise GCSE contains everything students need to achieve the GCSE grade they want Each title has been written by a GCSE examiner to help boost students learning and focus their revision Each title provides complete curriculum coverage with clearly marked exam board labels so students can easily adapt the content to fit the course they are studying Revise GCSE is an ideal course companion throughout a student's GCSE study and acts as the ultimate Study Guide throughout their revision

**Edexcel A Level Physics Student Book 1** Mike Benn, Graham George, 2015-04-24 Exam Board Edexcel Level AS A level Subject Physics First Teaching September 2015 First Exam June 2016 Endorsed by Edexcel Help students to build and develop the essential knowledge and skills needed provide practical assessment guidance and plenty of support for the new mathematical requirements with this Edexcel Year 1 Student Book Supports practical assessment with Practical Skill summaries throughout Provides support for all 16 required practicals with detailed explanations data and exam style questions for students to answer Builds understanding and knowledge with a variety of questions to engage and challenge students throughout the course prior knowledge worked examples Test Yourself and Exam Practice Questions Acts as an aid for the mathematical requirements of the course with worked examples of calculations and a dedicated Maths in Physics chapter Develop understanding and enable self and peer assessment with free online access to Test yourself answers Edexcel A level Physics Student Book 1 includes AS level

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GCSE Science Graham Hill, 1997 Intended for achieving examination success this series replaces the former GCSE Study Guides This book which are part of the new Revise GCSE series offers complete study and reference support for the Science GCSE course as well as being a revision guide for the Science GCSE

examinations and Scottish Standard Grade It provides a breakdown of the syllabuses and exam structure for every exam board advice on studying revising coursework and exams topic by topic coverage clearly presented with many examples and diagrams quick tests for every topic to check progress and a bank of recent GCSE exam questions with answers to fine tune exam techniques     **Physics for You** Keith Johnson,2016-06-23 Covering all GCSE specifications this tried and tested series has been fully updated to match the 9 1 GCSE Physics specifications for first examination in 2018 as well as international specifications With a focus on science concepts develop naturally engaging students and enabling them to get a thorough understanding of Physics     *The Times Index* ,2012 Indexes the Times Sunday times and magazine Times literary supplement Times educational supplement Times educational supplement Scotland and the Times higher education supplement

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