



**ADVANCED SUBSIDIARY GCE
PHYSICS A**
Mechanics

G481

Candidates answer on the Question Paper.

OCR Supplied Materials:

- Data, Formulae and Relationships Booklet

Other Materials Required:

- Electronic calculator
- Ruler (centimetres)
- Protractor

**Thursday 27 May 2010
Afternoon**

Duration: 1 hour



Candidate
Forename

Candidate
Surname

Centre Number

Candidate Number

INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but must clearly show your Candidate Number, Centre Number and question number(s).

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **60**.
- You may use an electronic calculator.
- You are advised to show all the steps in any calculations.
-  Where you see this icon you will be awarded marks for the quality of written communication in your answer.
This means for example you should:
 - ensure that text is legible and that spelling, punctuation and grammar are accurate so that meaning is clear;
 - organise information clearly and coherently, using specialist vocabulary when appropriate.
- This document consists of 14 pages. Any blank pages are indicated.

Ocr A161 May 2013 Mark Scheme

Peipei Pang



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