

ADVANCED GCE
PHYSICS A
 Fields, Particles and Frontiers of Physics

G485

Candidates answer on the question paper.

OCR Supplied Materials:

- Data, Formulae and Relationships Booklet

Other Materials Required:

- Electronic calculator
- Ruler
- Protractor

Tuesday 21 June 2011
Morning

Duration: 1 hour 45 minutes



Candidate
forename

Candidate
surname

Centre number

Candidate number

INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- 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 you 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 **100**.
-  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.
- You may use an electronic calculator.
- This document consists of **20** pages. Any blank pages are indicated.

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