

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE**

A182/02

**TWENTY FIRST CENTURY SCIENCE
PHYSICS A**

Modules P4 P5 P6 (Higher Tier)

INSERT C

for question 4

FRIDAY 25 JANUARY 2013:

Afternoon

MODIFIED ENLARGED 24pt

Candidate forename		Candidate surname	
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Centre number						Candidate number				
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READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

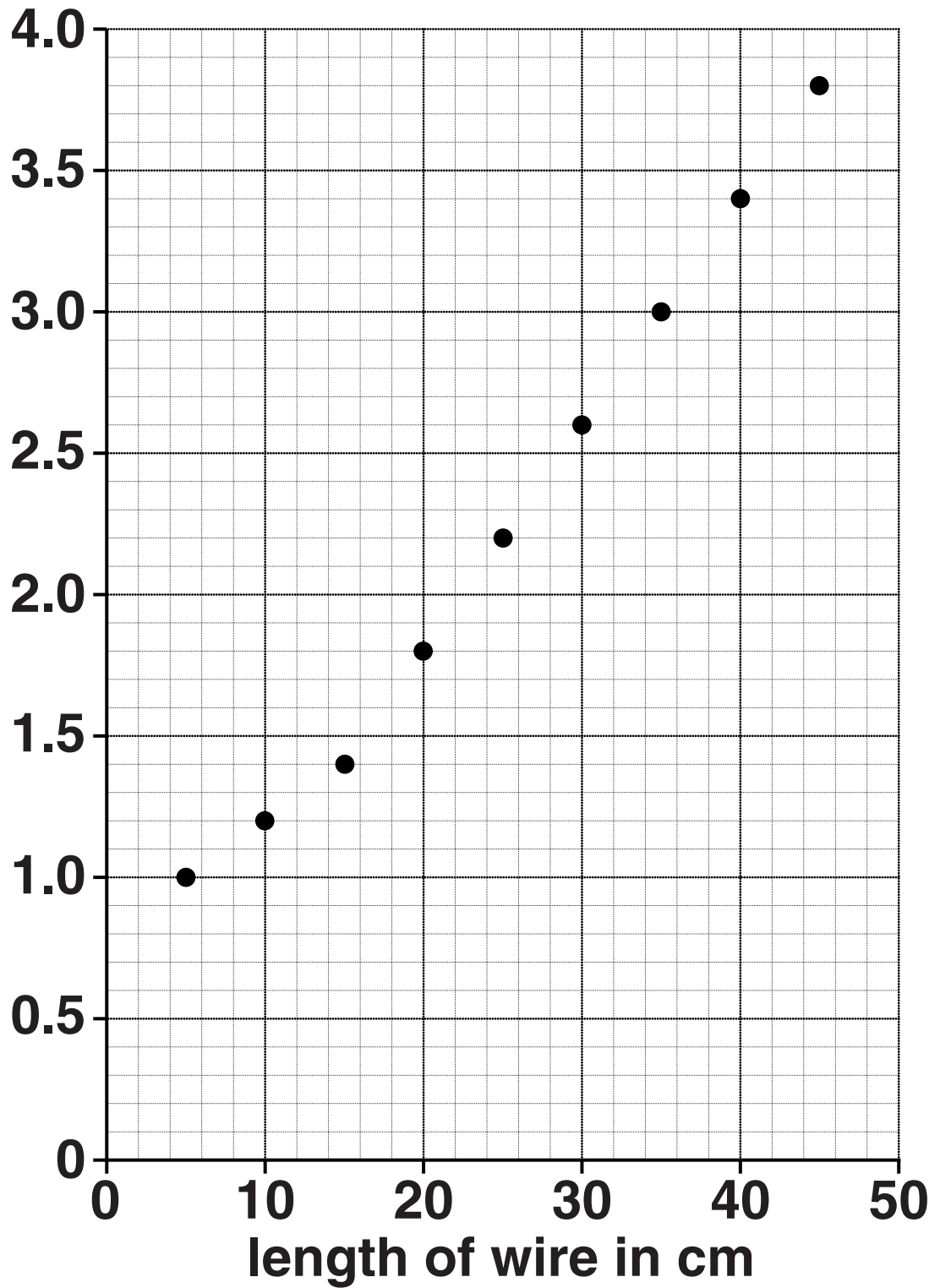
- Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- This insert should be used to answer question 4.
- Write your answers to question 4 in the spaces provided in this insert, and attach it to your answer booklet.

INFORMATION FOR CANDIDATES

- Your quality of written communication is assessed in questions marked with a pencil () .
- A list of useful relationships is printed on pages four and five.
- 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.

Insert C: Question 4

resistance of wire in ohms



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