

Centre Number	Candidate Number	Name
---------------	------------------	------

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

**PHYSICS**

**0625/05**

Paper 5 Practical Test

October/November 2005

**1 hour 15 minutes**

**ANSWER BOOKLET**

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen in the spaces provided on this Answer Booklet.

You may use a soft pencil for any diagrams, graphs or rough working.

Do not use staples, paper clips, highlighters, glue or correction fluid.

All of your answers should be written in this Answer Booklet: scrap paper must **not** be used.

Answer **all** questions.

Graph paper is provided in this Answer Booklet. Additional sheets of graph paper should be used only if it is necessary to do so.

At the end of the examination, fasten any additional answer paper used securely to this Answer Booklet.

If you have been given a label, look at the details. If any details are incorrect or missing, please fill in your correct details in the space given at the top of this page.

Stick your personal label here, if provided.

For Examiner's Use	
1	
2	
3	
4	
<b>Total</b>	

1 (a) – (d)

$m/$	$\theta/$
10	
20	
30	
40	
50	

[4]

(e) Statement .....

.....

Reason .....

.....

..... [2]

(f) Explanation

.....

.....

..... [2]

3

(g) Explanation

.....

.....

..... [2]

2

Part (c)	<i>I/</i>	<i>V/</i>	<i>R/</i>
Parts (a) & (b)			
Part (e)			
Part (g)			

[7]

(h) Circuit diagram

[3]

3 (b) – (d)

Beaker A

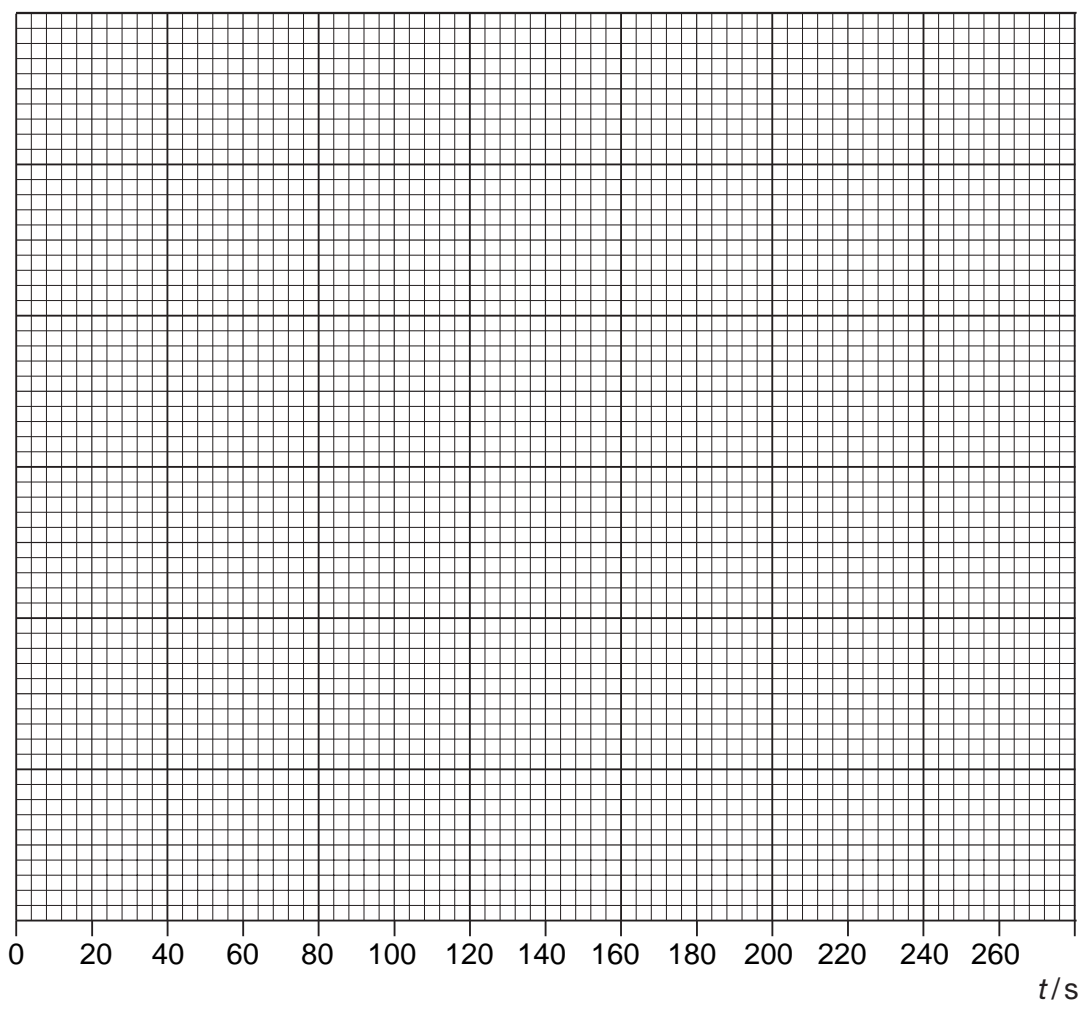
$t/$	$\theta/$
0	
30	
60	
90	
120	
150	
180	
210	
240	

(f)

Beaker B

$t/$	$\theta/$
0	
30	
60	
90	
120	
150	
180	
210	
240	

(e) and (g)



[5]

(h) Suggested improvements

- 1. ....
- .....
- 2. ....
- ..... [2]

4 (g) – (h)

$x/cm$	$r/^\circ$
5.0	
10.0	
15.0	

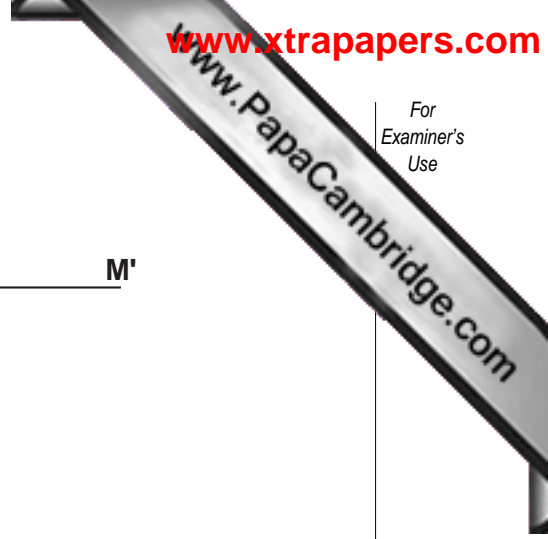
[2]

(i) Two possible causes of inaccuracy

1. ....

2. .... [2]

(a) – (f) and (h)



---

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

University of Cambridge International Examinations is part of the University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department