

Centre Number	Candidate Number	Name
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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	
Total	

This document consists of **7** printed pages and **1** blank page.



1 (a) – (d)

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

[4]

(e) Statement

.....

Reason

.....

..... [2]

(f) Explanation

.....

.....

..... [2]

(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

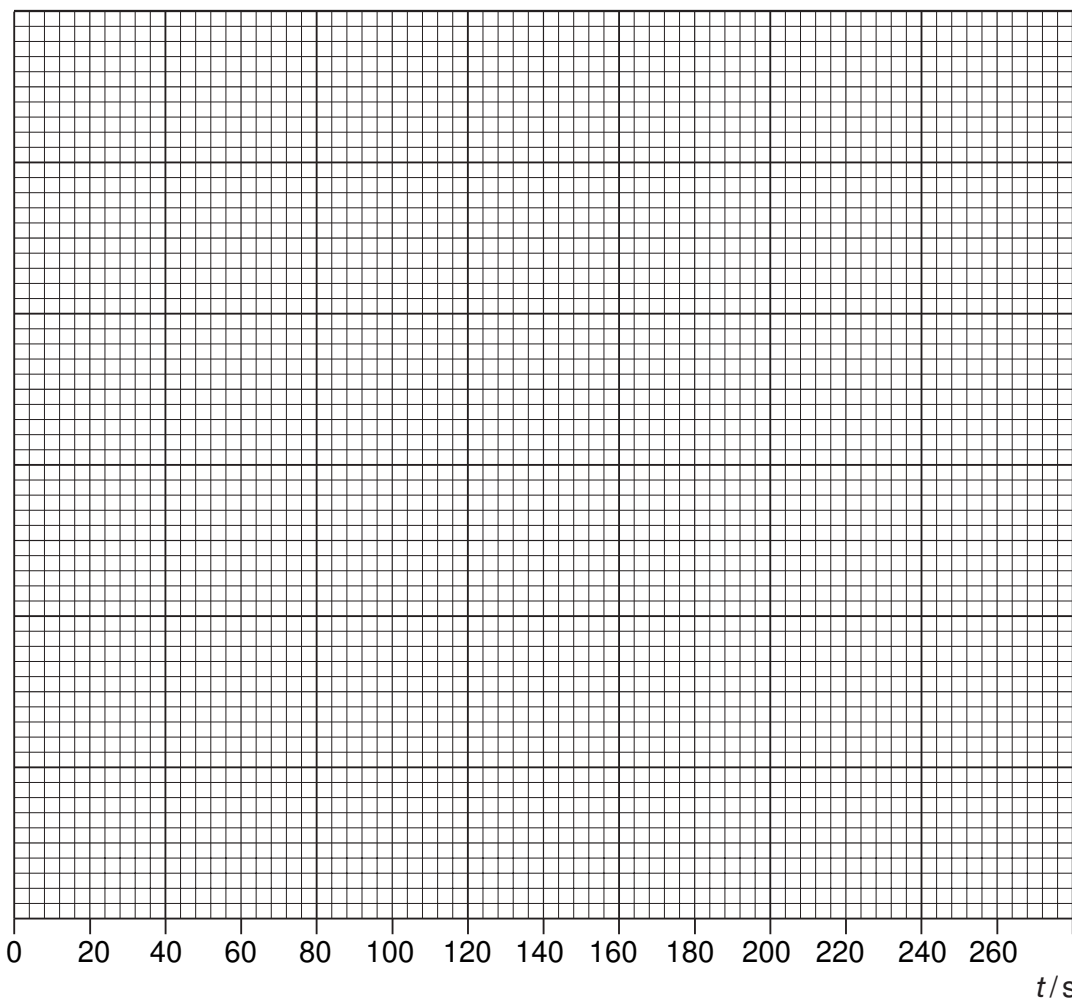
$t/$	$\theta/$
0	
30	
60	
90	
120	
150	
180	
210	
240	

(f) Beaker B

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

[3]

(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)

M _____ **M'**

[6]

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