



Oxford Cambridge and RSA

Tuesday 11 June 2024 – Afternoon

A Level Mathematics B (MEI)

H640/02 Pure Mathematics and Statistics

Printed Answer Booklet

Time allowed: 2 hours



You must have:

- Question Paper H640/02 (inside this document)
- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the **Printed Answer Booklet**. If you need extra space use the lined pages at the end of the Printed Answer Booklet. The question numbers must be clearly shown.
- Answer **all** the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- Give your final answers to a degree of accuracy that is appropriate to the context.

INFORMATION

- This document has **16** pages.

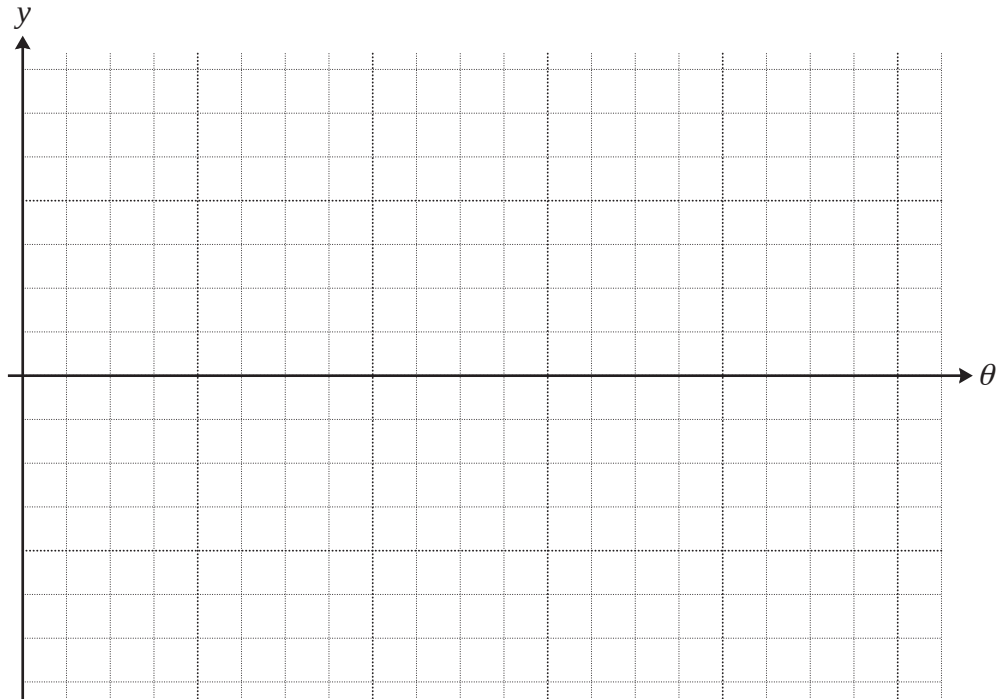
ADVICE

- Read each question carefully before you start your answer.

Section A (21 marks)

1	
2	
3(a)	
3(b)	

4(a)



4(b)

5(a)

	M	M'	Total
C	0.24		0.36
C'			
Total	0.42		1

5(b)

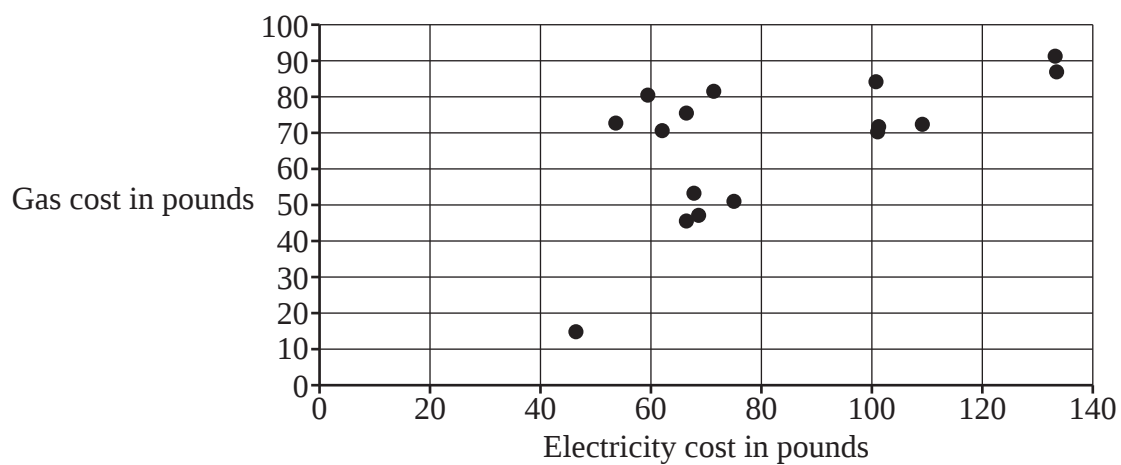
6(a)	
6(b)	
6(c)	

Section B (79 marks)

7(a)	
	$u_2 =$
	$u_3 =$
	$u_4 =$
7(b)	
7(c)	
7(d)	

9(a)	
9(b)	
9(c)	
10(a)	
10(b)	

11(a)



11(b)

11(c)

12	

13

14(a)	
14(b)	
14(c)	
14(d)	
14(e)	
15(a)(i)	
15(a)(ii)	

15(b)	
15(c)	
15(d)	

15(e)	

16	

