



Oxford Cambridge and RSA

Friday 23 May 2025 – Afternoon

AS Level Mathematics B (MEI)

H630/02 Pure Mathematics and Statistics

Printed Answer Booklet

Time allowed: 1 hour 30 minutes



You must have:

- Question Paper H630/02 (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

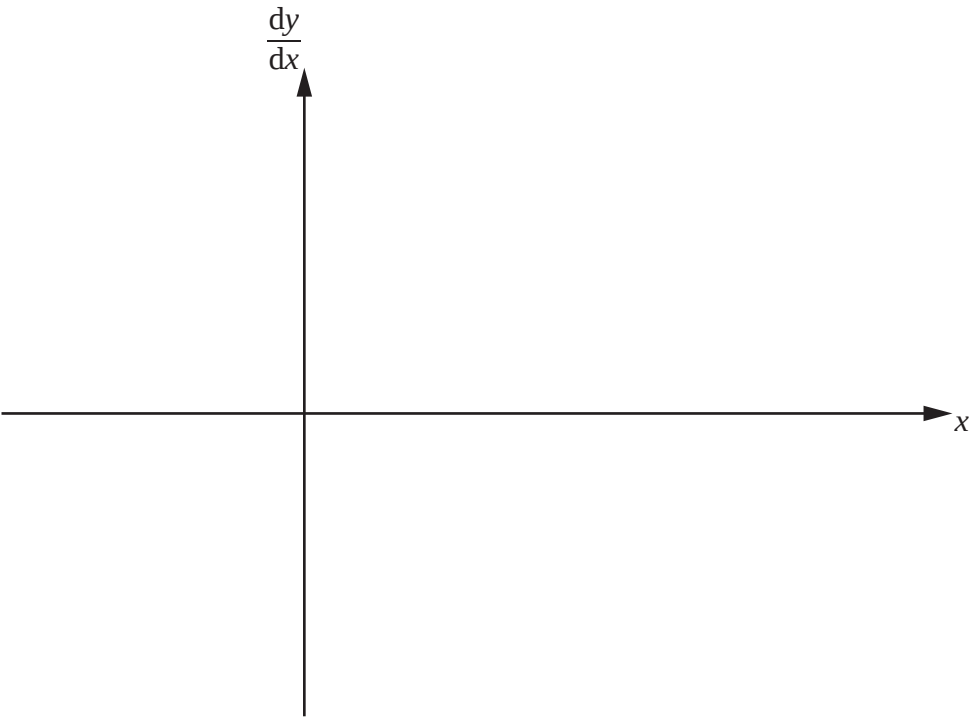
- This document has **16** pages.

ADVICE

- Read each question carefully before you start your answer.

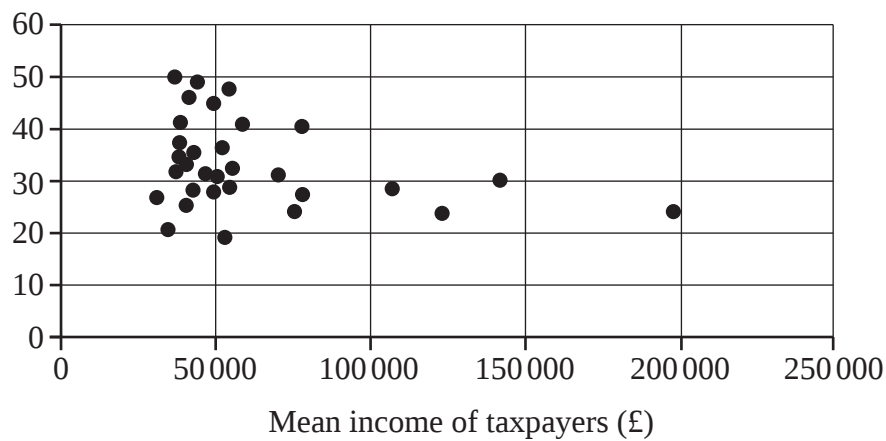
1(a)	
1(b)	
2	
3	

4(a)	
4(b)	
5(a)	
5(b)	
5(c)	

6(a)	
6(b)(i)	$\frac{dy}{dx}$ 
6(b)(ii)	
6(c)	
7(a)	

7(b)

Household waste
recycling rate (%)



Mean income of taxpayers (£)

7(c)

7(d)

8(a)	
8(b)	
9	

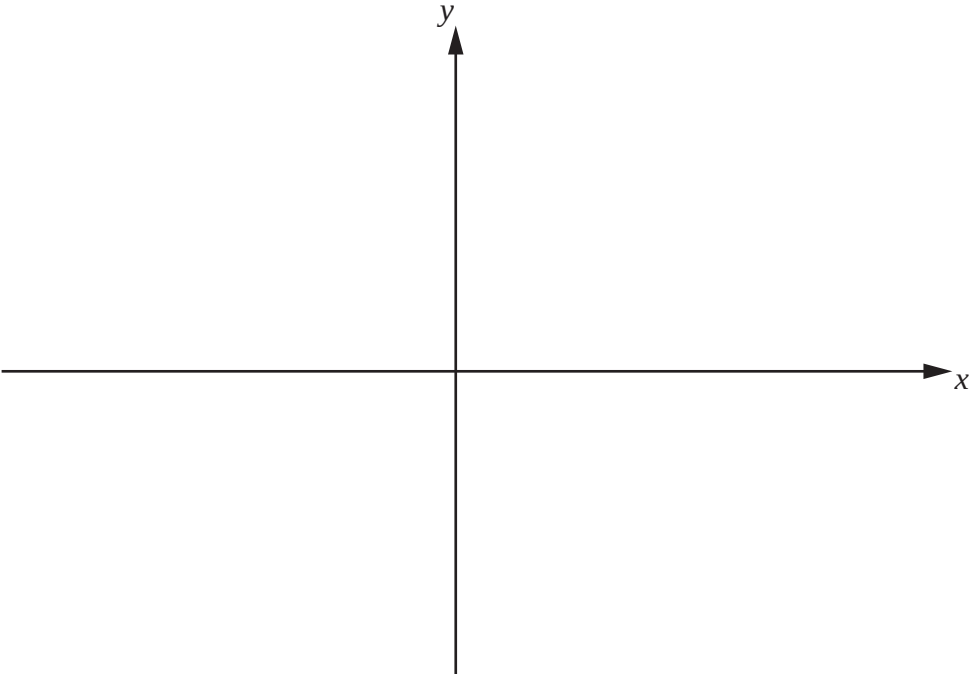
10(a)	
10(b)	
10(c)	
10(d)	

11(a)	
11(b)	

12(a)

12(b)

13	

14(a)	
14(b)	
15(a)	 A blank Cartesian coordinate system with a horizontal x-axis and a vertical y-axis intersecting at the origin. The x-axis is labeled 'x' at its right end, and the y-axis is labeled 'y' at its top end. The axes are represented by solid black lines with arrowheads at the ends.

[illegible]

16(a)	
16(b)	
16(c)	

EXTRA ANSWER SPACE

If you need extra space use these lined pages. You must write the question numbers clearly in the margin.

[illegible]

DO NOT WRITE ON THIS PAGE



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