



Oxford Cambridge and RSA

Thursday 23 May 2024 – 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																							
2(a)																							
2(b)																							
3(a)																							
3(b)	Hours spent cooking per week by people who live in village A <table><caption>Data points for the cumulative frequency graph</caption><tr><th>Time in hours</th><th>Cumulative frequency</th></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>40</td></tr><tr><td>2</td><td>85</td></tr><tr><td>3</td><td>120</td></tr><tr><td>4</td><td>145</td></tr><tr><td>5</td><td>165</td></tr><tr><td>6</td><td>180</td></tr><tr><td>7</td><td>195</td></tr><tr><td>8</td><td>200</td></tr><tr><td>9</td><td>200</td></tr></table>	Time in hours	Cumulative frequency	0	0	1	40	2	85	3	120	4	145	5	165	6	180	7	195	8	200	9	200
	Time in hours	Cumulative frequency																					
	0	0																					
	1	40																					
	2	85																					
3	120																						
4	145																						
5	165																						
6	180																						
7	195																						
8	200																						
9	200																						

3(c)	
4	

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

9(a)	
9(b)	
9(c)	
9(d)	

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

11(a)	
11(b)	

12(a)	
12(b)	
12(c)	

[illegible]

14

15(a)	
15(b)	
15(c)	
15(d)	
15(e)	

EXTRA ANSWER SPACE

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

[illegible]

[illegible]



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