



Oxford Cambridge and RSA

Thursday 12 June 2025 – 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)

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Last name

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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 page 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.

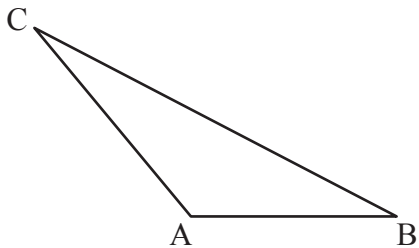
INFORMATION

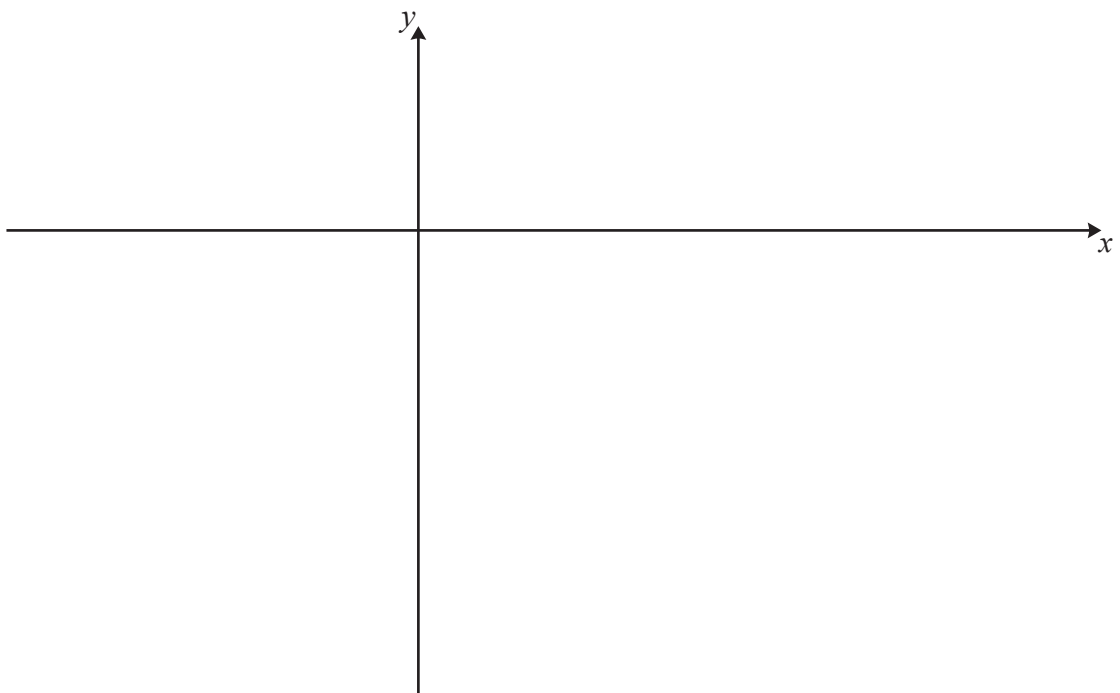
- This document has **20** pages.

ADVICE

- Read each question carefully before you start your answer.

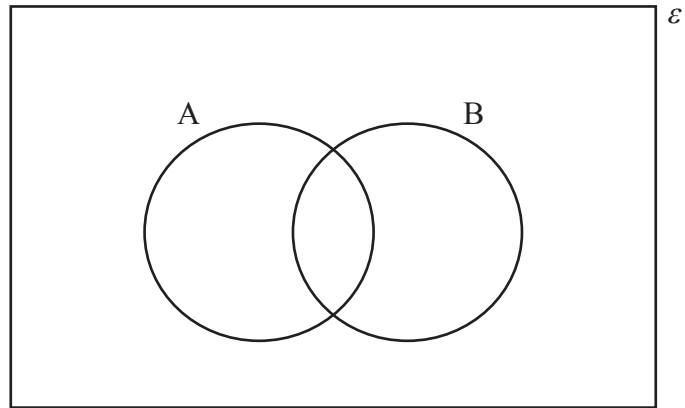
Section A (23 marks)

1(a)	
1(b)	
2	
3	 Not to scale

4(a)**4(b)****4(c)**

5	
	6(a)
6(b)	

7(a)

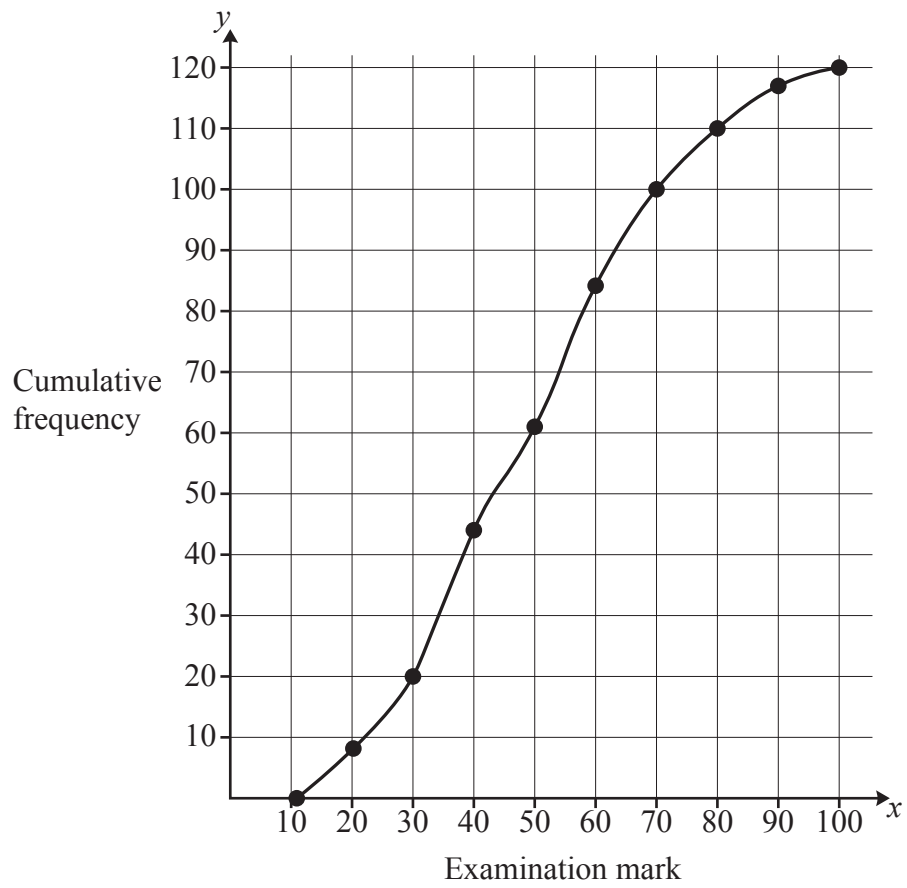


7(b)

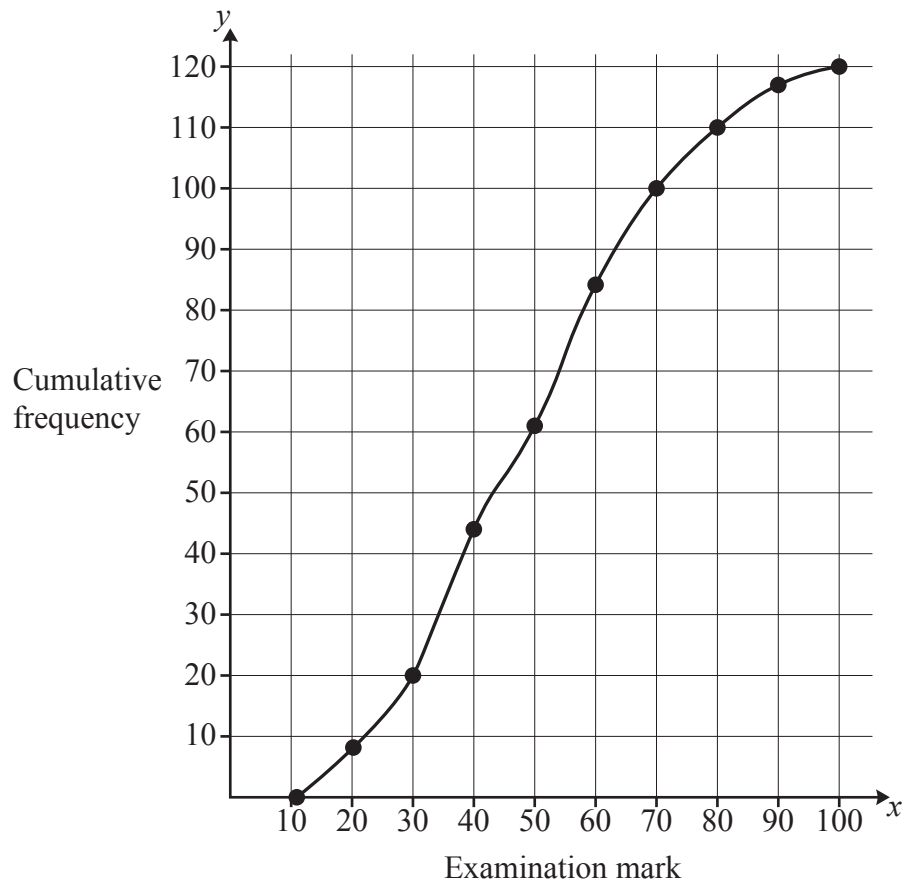
7(c)

Section B (77 marks)

8(a)



8(b)



9(a)

9(b)

10(a)	
10(b)	
10(c)	
10(d)	
10(e)	
11(a)	

11(b)		
11(c)		
11(d)		
	11(e)	

[illegible]

13(a)	
13(b)	
13(c)	
13(d)	

14(a)	
14(b)(i)	
14(b)(ii)	
14(c)(i)	
14(c)(ii)	

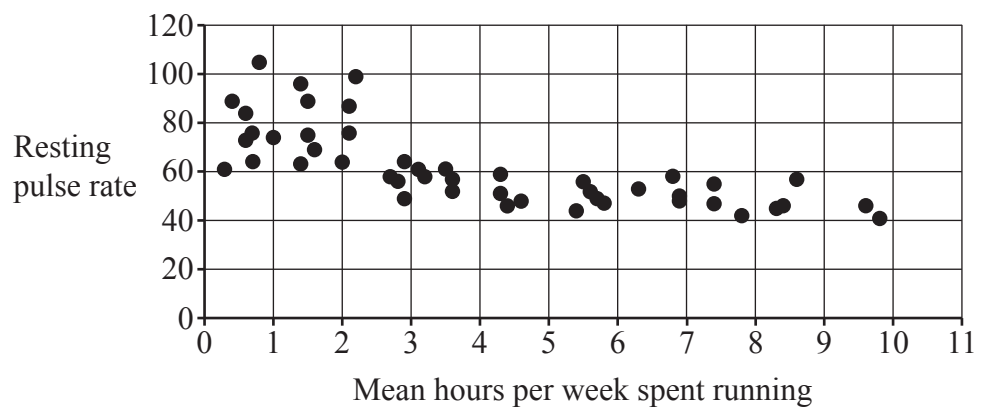
14(d)

15(a)(i)

15(a)(ii)

15(b)

15(c)



[illegible]

[illegible]

16(b)	

DO NOT WRITE IN THIS SPACE

17

(answer space continued on next page)

[illegible]

[illegible]

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