



Oxford Cambridge and RSA

Tuesday 13 June 2023 – 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 **20** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A (25 marks)

1	
2(a)	
2(b)	

3	
4(a)	
4(b)	
4(c)	

5	
6	

7	

DO NOT WRITE IN THIS SPACE

6

Section B (75 marks)

8(a)	
8(b)	
8(c)	

DO NOT WRITE IN THIS SPACE

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

11(a)	

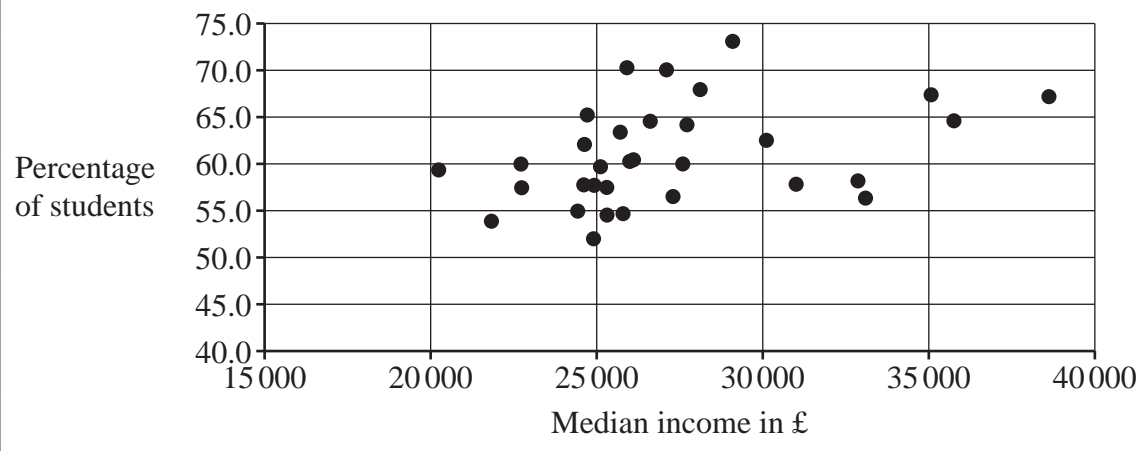
11(b)	

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

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

14(c)

Scatter diagram to show percentage of pupils achieving 5 A*-C grades against median income of taxpayers



14(d)

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

18(a)	
18(b)	
18(c)	
18(d)	
18(e)	

18(f)	

ADDITIONAL ANSWER SPACE

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

