



Oxford Cambridge and RSA

Thursday 25 May 2023 – 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.

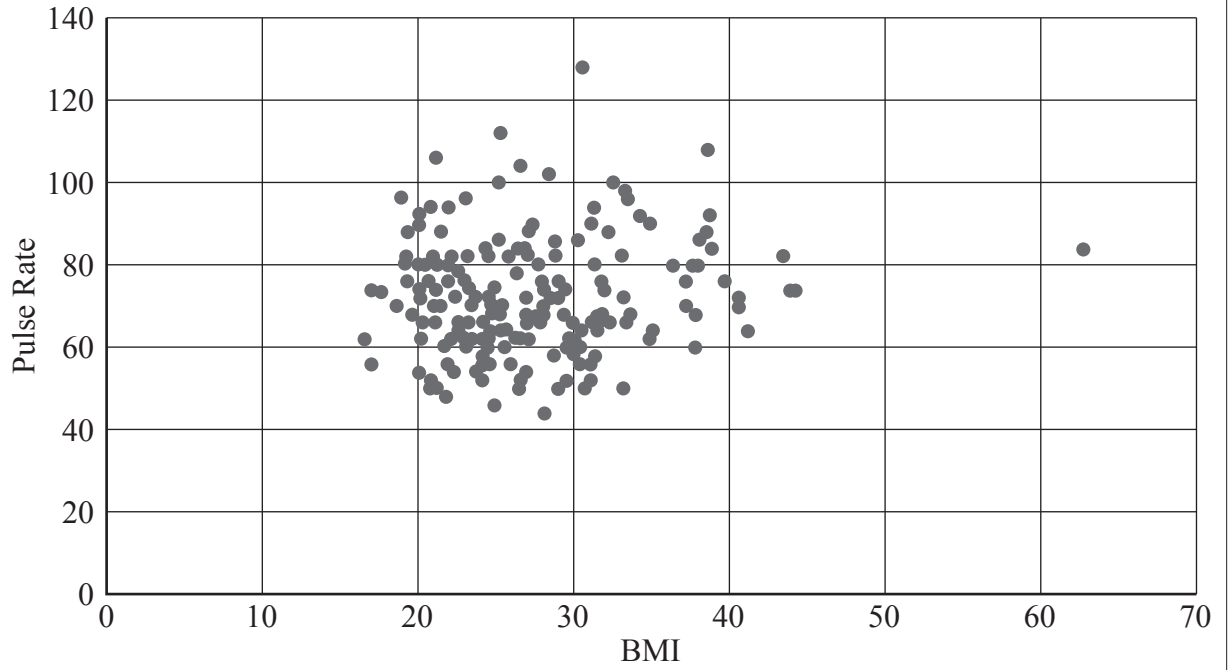
1(a)	
1(b)(i)	
1(b)(ii)	
2(a)	
2(b)	
3	

4(a)	
4(b)	
5	

6(a)	
6(b)	
6(c)	
6(d)	
7(a)	

8(b)

Scatter diagram of Pulse Rate against BMI



8(c)

8(d)

9(a)

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

11

Turn over

12(a)															
12(b)															
12(c)	<table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 5px;">Weight in kg</td> <td style="padding: 5px;">50–</td> <td style="padding: 5px;">65–</td> <td style="padding: 5px;">75–</td> <td style="padding: 5px;">80–</td> <td style="padding: 5px;">90–</td> <td style="padding: 5px;">100–120</td> </tr> <tr> <td style="padding: 5px;">Frequency</td> <td></td> <td style="padding: 5px;">8</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Weight in kg	50–	65–	75–	80–	90–	100–120	Frequency		8				
Weight in kg	50–	65–	75–	80–	90–	100–120									
Frequency		8													
12(d)															
12(e)															

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

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

