

OCR

Oxford Cambridge and RSA

Friday 7 June 2024 – Afternoon

AS Level Further Mathematics B (MEI)

Y412/01 Statistics a

Printed Answer Booklet

Time allowed: 1 hour 15 minutes

AB

You must have:

- Question Paper Y412/01 (inside this document)
- the Formulae Booklet for Further Mathematics B (MEI)
- 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 **12** pages.

ADVICE

- Read each question carefully before you start your answer.

2(a)	
2(b)	
2(c)	
	2(d)

3(b)(ii)	
3(c)	

4(a)	
4(b)(i)	
	$a =$
	$b =$
4(b)(ii)	
	Residual at $t = 60$:
	Residual at $t = 120$:
4(c)(i)	
4(c)(ii)	
4(d)	

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

5(d)	
6(a)(i)	
6(a)(ii)	
6(b)(i)	
6(b)(ii)	

6(b)(iii)	
6(c)	

