



Oxford Cambridge and RSA

**Friday 16 June 2023 – Afternoon**

**A Level Further Mathematics B (MEI)**

**Y432/01 Statistics Minor**

**Printed Answer Booklet**

**Time allowed: 1 hour 15 minutes**



**You must have:**

- Question Paper Y432/01 (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)

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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 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.

<b>1(a)</b>	
<b>1(b)</b>	
<b>1(c)</b>	

<b>2(a)(i)</b>	
<b>2(a)(ii)</b>	
<b>2(b)</b>	
<b>2(c)</b>	

<b>3(a)</b>		
<b>3(b)</b>		
		$E(X) =$
		$Var(X) =$

<b>3(c)(i)</b>	
<b>3(c)(ii)</b>	

**DO NOT WRITE IN THIS SPACE**

<b>4(a)</b>	
<b>4(b)</b>	
	C4 =
	D5 =
	E3 =
<b>4(c)</b>	

(answer space continued on next page)

<b>4(c)</b>	<b>(continued)</b>
	<b>4(d)</b>

**5(a)****5(b)**

Estimate for 99 mm =

Estimate for 110 mm =



<b>5(c)</b>	
<b>5(d)</b>	

**DO NOT WRITE IN THIS SPACE**

<b>6(a)</b>	
<b>6(b)</b>	





<b>7(b)</b>	





