



Oxford Cambridge and RSA

**Friday 17 June 2022 – 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 **12** pages.

**ADVICE**

- Read each question carefully before you start your answer.

**BLANK PAGE**

**PLEASE DO NOT WRITE ON THIS PAGE**

<b>1(a)</b>	
<b>1(b)</b>	
	$E(X) =$
	$\text{Var}(X) =$
<b>1(c)</b>	

<b>2(a)</b>	
<b>2(b)</b>	

<b>2(c)</b>	
	Prediction for a diameter of 7.5 cm is
	Prediction for a diameter of 20.0 cm is
<b>2(d)</b>	
<b>2(e)</b>	
<b>2(f)</b>	

<b>3(a)</b>	
<b>3(b)</b>	
C3 =	
D5 =	
E8 =	
<b>3(c)</b>	

**3(d)****3(e)**





<b>5(a)</b>	
<b>5(b)</b>	

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

6(a)


6(b)


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).


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