



Oxford Cambridge and RSA

Friday 13 June 2025 – 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)

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.

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

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

4(a)(i)	
4(a)(ii)	
4(a)(iii)	
4(b)	

5

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5(a)(i)												
5(a)(ii)												
5(a)(iii)												
5(b)												
5(c)												
	<table border="1"> <tr> <td>x</td> <td>0</td> <td>1</td> <td>2</td> <td>≥ 3</td> </tr> <tr> <td>Expected frequency</td> <td>24.01</td> <td></td> <td></td> <td></td> </tr> </table>		x	0	1	2	≥ 3	Expected frequency	24.01			
	x	0	1	2	≥ 3							
Expected frequency	24.01											

5(d)

6(a)								
6(b)	Sensor	A	B	C	D	E	F	G
	Distance from outfall (arbitrary units)	1.2	6.6	8.9	11.0	15.6	23.2	30.5
	Concentration of chemical (arb. units)	621	459	498	610	222	453	420
	(answer space continued on next page)							

[illegible]

7(a)																
7(b)																
7(c)																
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7(d)																
7(e)																

EXTRA ANSWER SPACE

If you need extra space use these lined pages. You must write the question numbers clearly in the margin.

