

**Thursday 23 June 2022 – Afternoon****A Level Further Mathematics B (MEI)****Y435/01 Extra Pure****Printed Answer Booklet****Time allowed: 1 hour 15 minutes****You must have:**

- Question Paper Y435/01 (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

--	--	--	--	--

Candidate number

--	--	--	--

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	
2(a)	

2(b)

2(c)

<b>3(a)</b>	
<hr/>	
<b>3(b)(i)</b>	
<hr/>	
<b>3(b)(ii)</b>	
<hr/>	
<b>3(b)(iii)</b>	

4(a)	
4(b)	
4(c)	
4(d)	
(answer space continued on next page)	

4(d)	(continued)
4(e)(i)	
4(e)(ii)	
4(e)(iii)	

<b>5(a)(i)</b>	
<b>5(a)(ii)</b>	
<b>5(a)(iii)</b>	
<b>5(b)</b>	

5(c)	
5(d)	
5(e)	
<b>(answer space continued on next page)</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).



Oxford Cambridge and RSA

### Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website ([www.ocr.org.uk](http://www.ocr.org.uk)) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

For queries or further information please contact The OCR Copyright team, The Triangle Building, Chardisbury Road, Cambridge CB1 3EP, UK. Tel: +44 (0)1223 553998. Email: [copyright@ocr.org.uk](mailto:copyright@ocr.org.uk)