



Oxford Cambridge and RSA

Wednesday 22 May 2024 – Afternoon

A Level Further Mathematics B (MEI)

Y420/01 Core Pure

Printed Answer Booklet

Time allowed: 2 hours 40 minutes



You must have:

- Question Paper Y420/01 (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 **24** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A (36 marks)**1**

2(a)(i)	
2(a)(ii)	
2(b)	

[illegible]

4

5(a)	
	$a =$
	$b =$
5(b)	

6(a)**6(b)**

7(a)	
7(b)	

Section B (108 marks)

8(a)	
8(b)(i)	
8(b)(ii)	Property 1:
	Property 2:
8(c)	
8(d)	

9(a)	
9(b)	

10(a)	
10(b)	
	10(c)

11(a)	
11(b)	
11(c)	

11(d)	
11(e)	

12(a)(i)	
12(a)(ii)	

12(b)

13(a)(i)	
13(a)(ii)	
13(b)(i)	
13(b)(ii)	

14(a)

[illegible]

15(a)	

DO NOT WRITE IN THIS SPACE

[illegible]

16

17(a)(i)	
17(a)(ii)	
17(b)	

17(c)(i)	
17(c)(ii)	
17(d)	

[illegible]

© OCR 2024