



Oxford Cambridge and RSA

Monday 05 October 2020 – 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

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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 **24** pages.

ADVICE

- Read each question carefully before you start your answer.

Section A (36 marks)

1	

4(a)

4(b)

5(a)	
5(b)	
5(c)	

6	

Section B (108 marks)

7	

8(a)

8(b)

9(a)

9(b)

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

12(a)	
12(b)	

13(a)	
13(b)	
13(c)	
13(d)	

14

(answer space continued on next page)

14 (continued)	

15(a)**15(b)**

15(c)	
15(d)	

15(e)(i)	
15(e)(ii)	

16(a)(i)	
16(a)(ii)	

16(c)(i)	
16(c)(ii)	

16(d)	
16(e)	

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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