

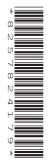
# Wednesday 14 October 2020 – Afternoon

## A Level Mathematics B (MEI)

**H640/02** Pure Mathematics and Statistics

## Printed Answer Booklet

#### Time allowed: 2 hours



You must have:
• Question Paper H640/02 (inside this document)
<ul> <li>a scientific or graphical calculator</li> </ul>

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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**. You can use extra paper if you need to, but you must clearly show your candidate number, the centre number and the question numbers.
- 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 **16** pages.

#### ADVICE

• Read each question carefully before you start your answer.

Section A (23 marks)

1	
<b>2(a)</b>	
2(a)	
2(a) 2(b)	

3(a)	
3(b)	
4(a)	
4(b)	
4(0)	

5(a)	
5(a)	
5(b)	
5(0)	
6(a)	
6(a) 6(b)	

4

7(a)	
7(b)	
7(b)	
7(c)	
1	

### Section B (77 marks)

<b>8</b> (a)	
<b>8(b)</b>	
8(c)	
8(d)	

8(e)	
8(f)	
U(I)	
9(a)	
<b>7(a)</b>	

0(1)	
9(b)	

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10(a)	
10(b)	

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

11(c)	
11(d)	
11(e)	
11(f)	

12(a)	
12(b)	

12(c)	

13(a)	
13(b)	
12()	
13(c)	
13(d)	
13(u)	

14	
14	



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