



Oxford Cambridge and RSA

# Wednesday 12 June 2019 – Morning

## A Level Mathematics A

### H240/02 Pure Mathematics and Statistics

#### PRINTED ANSWER BOOKLET

Time allowed: 2 hours



**You must have:**

- Question Paper H240/02 (inserted)

**You may use:**

- 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)

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Last name

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#### INSTRUCTIONS

- The Question Paper will be found inside the Printed Answer Booklet.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- **Write your answer to each question in the space provided in the Printed Answer Booklet.** If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- You are permitted to use a scientific or graphical calculator in this paper.
- Give non-exact numerical answers correct to 3 significant figures unless a different degree of accuracy is specified in the question.
- The acceleration due to gravity is denoted by  $g \text{ m s}^{-2}$ . Unless otherwise instructed, when a numerical value is needed, use  $g = 9.8$ .

#### INFORMATION

- **You are reminded of the need for clear presentation in your answers.**
- The Printed Answer Booklet consists of **16** pages. The Question Paper consists of **12** pages.





<b>2(a)</b>	
<b>2(b)(i)</b>	
<b>2(b)(ii)</b>	
<b>2(b)(iii)</b>	

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

<b>4(a)</b>	
<b>4(b)(i)</b>	
<b>4(b)(ii)</b>	
<b>4(c)(i)</b>	
<b>4(c)(ii)</b>	







**Section B: Statistics**

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

<b>9(a)(i)</b>	
<b>9(a)(ii)</b>	
<b>9(a)(iii)</b>	
<b>9(b)</b>	



<b>11(a)</b>	
<b>11(b)(i)</b>	
<b>11(b)(ii)</b>	
<b>11(c)</b>	
<b>11(d)</b>	

<b>12(a)</b>	
<b>12(b)</b>	
<b>12(c)(i)</b>	
<b>12(c)(ii)</b>	





