OCR
Oxford Cambridge and RSA

A Level Mathematics A

H240/01 Pure Mathematics
Printed Answer Booklet

Wednesday 6 June 2018 – Morning
Time allowed: 2 hours

You must have:
- Question Paper H240/01 (inserted)

You may use:
- a scientific or graphical calculator

First name	
Last name	
Centre number	Candidate number

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.
- Complete the boxes provided on the Printed Answer Booklet with your name, centre number and candidate number.
- 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 the Printed Answer Booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.
- You are permitted to use a scientific or graphical calculator in this paper.
- Final answers should be given to a degree of accuracy appropriate to the context.
- The acceleration due to gravity is denoted by $g\,\text{m}\,\text{s}^{-2}$. Unless otherwise instructed, when a numerical value is needed, use $g = 9.8$.

INFORMATION
- The total mark for this paper is **100**.
- The marks for each question are shown in brackets **[ ]**.
- **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 **8** pages.

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1	
2(i)	
2(ii)	

3	
4	

5(i)

5(ii)

5(iii)

6(i)

6(ii)

6(iii)

6(iv)

7(i)	
7(ii)	
7(iii)	

8(i)

8(ii)

9(i)

9(ii)

10(i)

10(ii)

10(iii)	
11(i)	

11(ii)	

12	

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

13(ii)

13(iii)

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).