OCR
Oxford Cambridge and RSA

AS Level Mathematics A

H230/02 Pure Mathematics and Mechanics
Printed Answer Booklet

Wednesday 23 May 2018 – Morning
Time allowed: 1 hour 30 minutes

7073296950

You must have:
- Question Paper H230/02 (inserted)

You may use:
- a scientific or graphical calculator

H230O2

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.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- 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 $g\,\text{m s}^{-2}$. 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 **12** pages. The Question Paper consists of **8** pages.

Section A: Pure Maths

1 (i)	
1 (ii)	

2 (i)	
2 (ii)	
3 (i)	
3 (ii)	
3 (iii)	
4 (i)	

4 (ii)

4 (iii)

5

6 (i)	
6 (ii)	
6 (iii)	
6 (iv)	
6 (v)	

7 (i)

7 (ii)

8	
	(answer space continued on next page)

8	**(continued)**

Section B: Mechanics

9	

10 (i)

10 (ii)

11 (i)(a)	
11 (i)(b)	
11 (ii)	

11 (iii)	

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