



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


You must have:

- Question Paper H230/02 (inserted)

You may use:

- a scientific or graphical calculator



First name

Last name

Centre
numberCandidate
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.

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

4 (ii)	
4 (iii)	

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

8	(continued)

Section B: Mechanics

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10 (i)	

10 (ii)	

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

11 (iii)	