



Oxford Cambridge and RSA

AS Level Further Mathematics A

Y533/01 Mechanics

Printed Answer Booklet

Tuesday 22 May 2018 – Afternoon

Time allowed: 1 hour 15 minutes



You must have:

- Question Paper Y533/01 (inserted)
- Formulae AS Level Further Mathematics A

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 this 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 $g\text{ms}^{-2}$. 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 **4** pages.

PLEASE DO NOT WRITE ON THIS PAGE

1(i)	

2(i)	
2(ii)	
2(iii)	
2(iv)	

3(i)

3(ii)

4(i)	
4(ii)	

4(iii)	
4(iv)	

5(i)	
5(ii)	
5(iii)(a)	

5(iii)(b)	
5(iv)(a)	
5(iv)(b)	

<p>6(i)</p>	<p>(continued)</p>
<p>6(ii)</p>	

