



Oxford Cambridge and RSA

Tuesday 18 June 2019 – Morning

A Level Further Mathematics A

Y543/01 Mechanics

Printed Answer Booklet

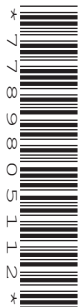
Time allowed: 1 hour 30 minutes

You must have:

- Question Paper Y543/01 (inserted)
- Formulae A Level Further Mathematics A

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)

Last name

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 **12** pages. The Question Paper consists of **4** pages.

1(a)	
1(b)	
1(c)	

2(a)	
2(b)	
2(c)	

3(a)

3(b)(i)

3(b)(ii)	
3(c)(i)	
3(c)(ii)	

4(a)	
4(b)	

5(a)	
5(b)(i)	

5(b)(ii)	

5(c)	

6(a)	
6(b)	
6(c)	

7(a) (continued)

7(b)

