

# OCR

Oxford Cambridge and RSA

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## AS Level Further Mathematics A Y535 Additional Pure Mathematics Printed Answer Booklet

### Date – Morning/Afternoon

Time allowed: 1 hour 15 minutes

#### OCR supplied materials:

- Printed Answer Booklet
- Formulae AS Level Further Mathematics A

#### You must have:

- Printed Answer Booklet
- Formulae AS Level Further Mathematics A
- Scientific or graphical calculator



First name

Last name

Centre  
number

Candidate  
number

#### INSTRUCTIONS

- 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 bar codes.
- 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 **4** pages.

<b>1</b>	
<b>2</b>	

Specimen

3

Specimen



<b>4(ii)</b> (continued)	
<b>4(iii)</b>	
<b>4(iv)</b>	
<b>5(i)(a)</b>	
<b>5(i)(b)</b>	

<b>5(i)(c)</b>	
<b>5(i)(d)</b>	

Specimen

5(ii)

Specimen





<b>6(ii)</b> (continued)	
<b>6(iii)</b>	
<b>6(iv)</b>	

Specimen

<b>7(i)(a)</b>	
	<b>7(i)(b)</b>

Specimen



**PLEASE DO NOT WRITE ON THIS PAGE**

Specimen

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