

**AS Level Further Mathematics A****Y535 Additional Pure Mathematics**

Printed Answer Booklet

Version 2

**Date – Morning/Afternoon**

Time allowed: 1 hour 15 minutes

**You must have:**

- Question Paper Y535 (inserted)
- Formulae AS Level Further Mathematics A

**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 bar codes.
- 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	
2	

3

**4(i)****4(ii)****(answer space continued on next page)**

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

5(i)(c)	
	5(i)(d)

5 (ii)

**6(i)****6(ii)****(answer space continued on next page)**



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

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

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

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