

# Monday 20 May 2019 – Afternoon

## AS Level Further Mathematics A

**Y535/01** Additional Pure Mathematics Printed Answer Booklet

### Time allowed: 1 hour 15 minutes

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You	must	have:	
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- Question Paper Y535/01 (inserted)
- Formulae AS 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					Candidate number			
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, 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  $gm s^{-2}$ . 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.

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2(a)	1(b)	
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2(b)	
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6(a)	

6(b)(i)	
6(b)(ii)	
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7(a)	$\times_{18}$	1	5	7	11	13	17
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7(b)							
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7(c)	
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7(e)(i)	
7(e)(ii)	

<b>8</b> (a)	
8(b)	

8(c)	
0(1)	
8(d)	
8(e)	

#### **ADDITIONAL ANSWER SPACE**

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

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