

# Thursday 6 June 2019 – Afternoon

## A Level Further Mathematics A

## **Y541/01** Pure Core 2

Printed Answer Booklet

#### Time allowed: 1 hour 30 minutes



#### You must have: • Question Paper Y54

- Question Paper Y541/01 (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				Candidate number			
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#### 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  $gm s^{-2}$ . 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 **16** pages. The Question Paper consists of **8** pages.

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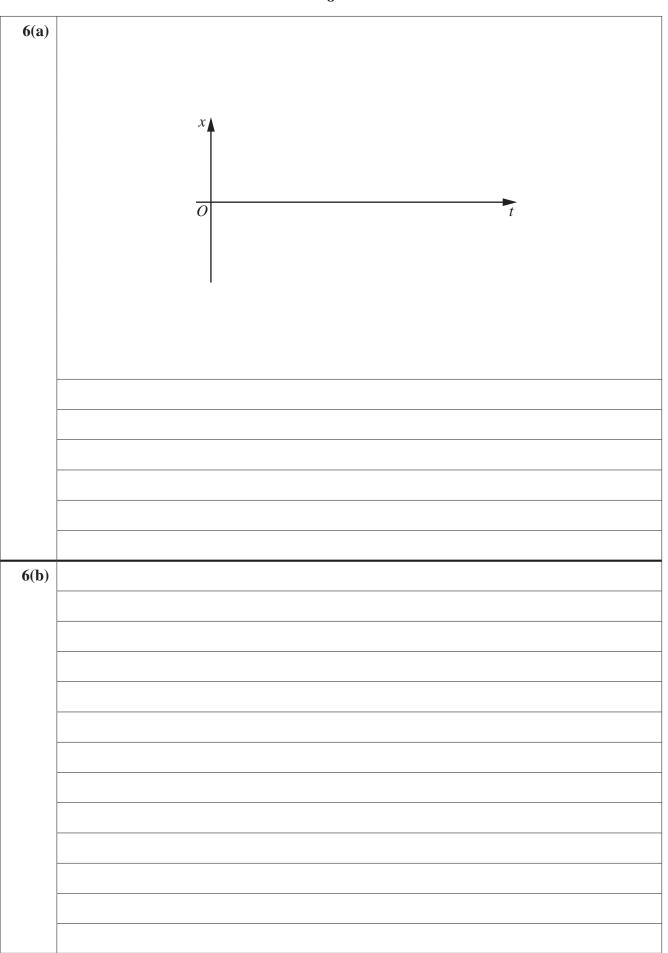
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<b>5</b> (a)	
5(b)	
<b>3(D)</b>	
<b>5(c)</b>	

<b>5(d)</b>	
5(e)	





<b>7</b> (a)	
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<b>8</b> (a)	
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9(a)	

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### 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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