

# AS Level Further Mathematics B (MEI)

**Y414/01** Numerical Methods Printed Answer Booklet

## Tuesday 22 May 2018 – Afternoon Time allowed: 1 hour 15 minutes

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#### You must have:

- Question Paper Y414/01 (inserted)
- Formulae Further Mathematics B (MEI)

#### You may use:

• a scientific or graphical calculator



First name	
Last name	
Centre number	Candidate 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. 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.
- Do **not** write in the barcodes.
- You are permitted to use a scientific or graphical calculator in this paper.
- In each question you must show sufficient detail of the method(s) which you are using.
- Final answers should be given to a degree of accuracy appropriate to the context.

### INFORMATION

- You are advised that an answer may receive **no marks** unless you show sufficient detail of the working to indicate that a correct method is used. You should communicate your method with correct reasoning.
- The Printed Answer Booklet consists of 12 pages. The Question Paper consists of 8 pages.

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2(i)	

2(ii)	
3(i)	
3(ii)	
<b>3(iii)</b>	

3

3(iv)	
4(i)	
4(ii)	
4(iii)	

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4(iv)	
4(v)	
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5(i)	

5(ii)	
5(iii)	
5(iv)	
5(IV)	
5(v)	
	(answer space continued on next page)

5(v)	(continued)
5(vi)	

6(i)	
6(ii)	
6(iii)	
6(iv)	
6(v)	
6(vi)	

6(vii)	
7(i)	
7(ii)	
7(iii)	
7(iv)	

<b>7(v)</b> (A)	
<b>7(v)</b> ( <i>B</i> )	

#### 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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