

A Level Further Mathematics A**Y545 Additional Pure Mathematics**

Printed Answer Booklet

Version 2

Date – Morning/Afternoon

Time allowed: 1 hour 30 minutes

You must have:

- Question Paper Y545 (inserted)
- Formulae A 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)

5(i)	
5(ii)(a)	
5(ii)(b)	

6(i)(a)	
6(i)(b)	
6(ii)	

7(i)(a)	
7(i)(b)	
7(i)(c)	

7(ii)(a)	
7(ii)(b)	

DO NOT WRITE IN THIS SPACE

8(i)(a)	
8(i)(b)	

8(ii)	
	8(iii)

9(i)(a)	
9(i)(b)	
9(ii)	

9(iii)	

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