

Thursday 15 May 2025 – Afternoon

AS Level Mathematics A

H230/01 Pure Mathematics and Statistics

(0 350670 350670 350670 .

Printed Answer Booklet

Time allowed: 1 hour 30 minutes

You must have:

- Question Paper H230/01 (inside this document)
- · 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							

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INSTRUCTIONS

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided in the **Printed Answer** Booklet. If you need extra space use the lined pages at the end of the Printed Answer Booklet. The guestion numbers must be clearly shown.
- Answer all the questions.
- · Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.
- · 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 $gm s^{-2}$. When a numerical value is needed use g = 9.8 unless a different value is specified in the question.

INFORMATION

- The total mark for this paper is 75.
- The marks for each question are shown in brackets [].
- This document has 16 pages.

ADVICE

Read each question carefully before you start your answer.

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Section A Pure Mathematics

1(a)	
1(b)	

1(c)	
2	

3(a)	
3(b)	

4(a)	
4(b)	

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

6(a)	
6(b)	

7(a)	
7(b)	

8	

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Section B Statistics

9(a)	
9(b)	
9(c)	
9(d)	
9(e)	

10(a)	
10(b)	
10(c)	
10(d)	

11	

12(a)	
12(b)	
12(b)	
12(c)	

14 EXTRA ANSWER SPACE

If you need extra space use these lined pages. You must write the question numbers clearly in the margin.



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