



Oxford Cambridge and RSA

Thursday 16 May 2024 – Afternoon

AS Level Mathematics A

H230/01 Pure Mathematics and Statistics

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

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Candidate number

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First name(s)

Last name

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 question 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 gms^{-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.

2
Section A
Pure Mathematics

1	
2(a)	
2(b)	

2(c)

3

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

5(b)

5(c)

6	

[illegible]

8	

9	

DO NOT WRITE IN THIS SPACE

10
Section B
Statistics

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

11(a)(i)	
11(a)(ii)	
11(b)	

12(a)	
12(b)	
12(c)(i)	
12(c)(ii)	
12(d)	

13(a)	1.	
	2.	
13(b)		
	13(c)	

[illegible]

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