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Thursday 14 May 2026 – Afternoon

AS Level Mathematics A

H230/01 Pure Mathematics and Statistics

Printed Answer Booklet

Time allowed: 1 hour 30 minutes

AB

You must have:
- Question PaperH230/01 (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 _____

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 g m 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

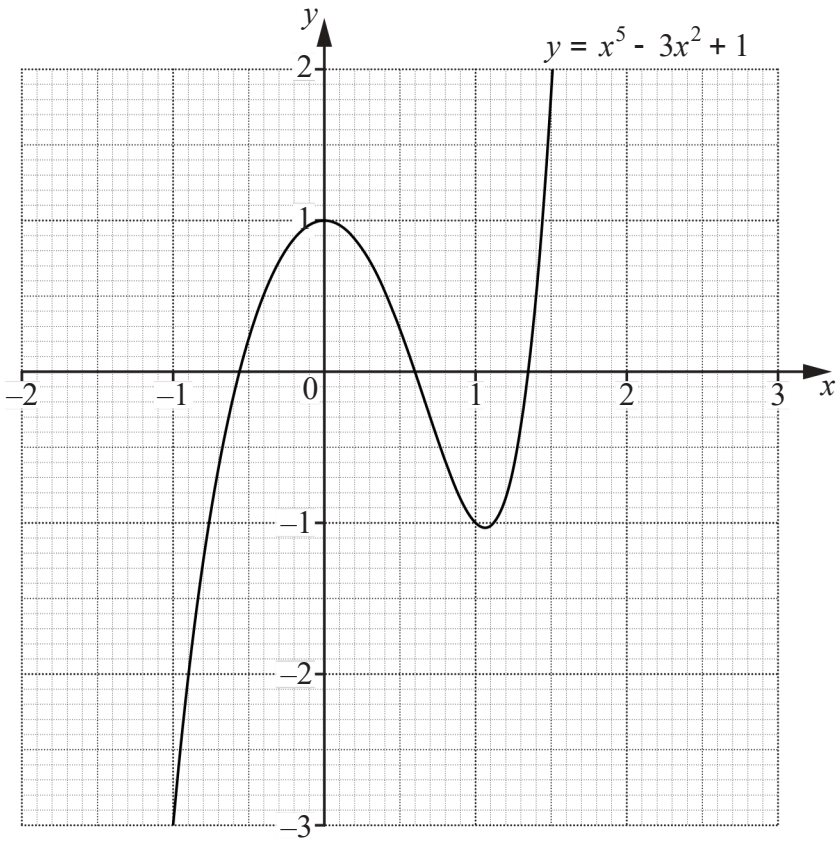
1(a)

1(b)

2(a)

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2(b)



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3(a)

3(b)

4(a)

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4(b)(i)	
4(b)(ii)	
4(b)(iii)	
4(b)(iv)	

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5(a)

5(b)

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

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7(a)

7(b)

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8

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Section B
Statistics

9(a)

9(b)

9(c)

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10(a)

10(b)

10(c)

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

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

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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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