

AS Level Mathematics B (MEI)

H630/01 Pure Mathematics and Mechanics

Printed Answer Booklet

Date – Morning/Afternoon

Time allowed: 1 hour 30 minutes

You must have:

- Question Paper H630/01 (inserted)

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.** 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.
- Final answers should be given to a degree of accuracy appropriate to the context.
- 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 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.

1	
2	

Specimen

3 (a)	
3 (b)	
4 (a)	
4 (b)	

Specimen

5 (a)	
5 (b)	

Specimen

6

Specimen

7

Specimen

8 (a)	
8 (b)	
8 (c)	

Specimen

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

Specimen

10 (b)	
10 (c)	
11	

Specimen

(answer space continued on next page)

11 (continued)	
12 (a)	
12 (b)	
12 (c)	

Specimen

12 (d)	

Specimen

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