

Modified Enlarged 24pt
OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Wednesday 3 June 2020 – Afternoon

A Level Mathematics B (MEI)

H640/01 Pure Mathematics and Mechanics

Insert for Question 6(a)

Time allowed: 2 hours
plus your additional time allowance

YOU MUST HAVE:

Question Paper H640/01 (with this document)

the Printed Answer Booklet sent with the standard paper or any suitable paper provided by the centre. The Printed Answer Book may be enlarged by the centre.
a scientific or graphical calculator

Please write clearly in black ink.

Centre number

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Candidate number

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First name(s) _____

Last name _____

READ INSTRUCTIONS OVERLEAF



INSTRUCTIONS

Use black ink. You can use an HB pencil, but only for graphs and diagrams.

If you use this insert write your answer to each question in the space provided

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.

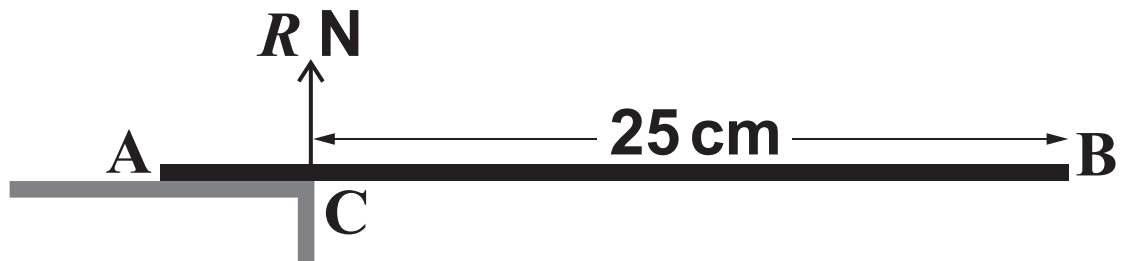
Give your final answers to a degree of accuracy that is appropriate to the context.

The acceleration due to gravity is denoted by $g \text{ m s}^{-2}$. When a numerical value is needed use $g = 9.8$ unless a different value is specified in the question.

ADVICE

Read each question carefully before you start your answer.

6(a)





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