



Wednesday 22 May 2024 – Afternoon

AS Level Physics B (Advancing Physics)

H157/02: Physics in depth

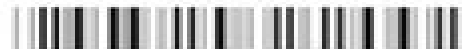
Time allowed: 1 hour 30 minutes

You must sit either:

- the Data, Formulae and Relationships Booklet

You can use:

- a scientific or graphical calculator
- a ruler (only for the Data, Formulae and Relationships Booklet)



Please write clearly in black ink. Do not write in the barcodes.

Centre number

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First name(s)

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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. If you need extra space use the lined page at the end of this 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.

INFORMATION

- The total mark for this paper is **70**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- This document has **24** pages.

ADVICE

- Read each question carefully before you start your answer.

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Colin Shephard, Rosemary Rees



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