

Wednesday 22 May 2024 – Morning GCSE (9–1) Physics A (Gateway Science)

J249/03 (Higher Tier)

Time allowed: 1 hour 45 minutes

You must have:

- a ruler (cm/mm)
- the Equation Sheet for GCSE (9-1) Physics A (inside this document)

You can used

- · a scientific or graphical calculator
- · an HB pencil



Centre number	Candidate number	
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irst name(s)		

INSTRUCTIONS

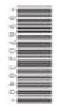
- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined page at the end of this booklet. The question numbers must be clearly shown.
- Answer all the questions.
- Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if the answer is wrong.

INFORMATION

- The total mark for this paper is 90.
- 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 28 pages.

ADVICE

Read each question carefully before you start your answer.



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