



- a scientific or graphical calculator
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- 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 pages 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.

- The total mark for this paper is **110**.
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- Read each question carefully before you start your answer.

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Michal Rosen-Zvi

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