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NATIONAL SENIOR CERTIFICATE EXAMINATION NOVEMBER 2022

PHYSICAL SCIENCES: PAPER I

EXAMINATION NUMBER						

Time: 3 hours

200 marks

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- This question paper consists of 31 pages and a Data Sheet of 2 pages (i-ii). Please check that your question paper is complete.
- Read the questions carefully.
- Answer ALL the questions on the question paper and hand it in at the end of the examination. Remember to write your examination number in the space provided above.
- Use the data and formulae whenever necessary.
- Show your working in all calculations.
- Units need not be included in the working of calculations, but appropriate units should be shown in the answer.
- Answers must be expressed in decimal format, not left as proper fractions.
- Where appropriate, express answers to TWO decimal places.
- It is in your own interest to write legibly and to present your work neatly.
- TWO blank pages (pages 29–30) are included at the end of the paper. If you run out
 of space for a question, use these pages. Clearly indicate the number of your answer
 should you use this extra space. There is a spare copy of graph paper on page 31.

FOR OFFICE USE ONLY: MARKER TO ENTER MARKS

	Q1	02	C)3	Q4	Q:5	Q6	07	Q8	Q9	Q10	Total
Mark						2000					
Marker Initial											
Moderated Mark				100							

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QUESTION 1 MULTIPLE CHOICE

Answer these questions on the multiple-choice answer grid below. Make a clear cross (X) in the box corresponding to the letter that you consider to be correct. Every question has only one correct answer.

A B C I

Here the option C has been marked as an example.

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