



## SENIOR CERTIFICATE/ NATIONAL SENIOR CERTIFICATE

**GRADE 12** 

#### ENGINEERING GRAPHICS AND DESIGN P1

NOVEMBER 2020

MARKS: 100

TIME: 3 hours.

This question paper consists of 6 pages.

Samuela Salvadi



### INSTRUCTIONS AND INFORMATION

- 1. This question paper consists of FOUR questions.
- 2. Answer ALL the questions.
- 3. ALL drawings are in first-angle orthographic projection, unless otherwise stated.
- ALL drawings must be prepared using pencil and instruments, unless otherwise states.
- 5. ALL answers must be drawn accurately and neath.
- 6. ALL the guestions must be answered on the QUESTION PAPER, as instructed.
- ALL the pages, inespective of whether the question was attempted or not must be re-stapled in numerical sequence in the TOP LEFT-HAND CORNER ONLY.
- 8. Time management is essential in order to complete all the questions.
- 8. Print your examination number in the block provided on every page.
- 10. Any details or dimensions not given must be assumed in good proportion,

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**Tobias Bleicker** 

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