

## ISEBE LEMFUNDO LEMPUMA KOLONI EASTERN CAPE EDUCATION DEPARTMENT OOS-KAAP ONDERWYSDEPARTEMENT

**GRADE 12** 

## ENGINEERING GRAPHICS AND DESIGN P1 JUNE 2009

**MARKS: 160** 

TIME: 3 hours

This question paper consists of 6 pages.

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## **INSTRUCTIONS AND INFORMATION**

- 1. The paper consists of FOUR questions.
- 2. Answer ALL the questions.
- 3. All drawings must be drawn to scale 1:1, unless otherwise stated.
- 4. The questions must be answered on the answer sheets provided.
- 5. All the answer sheets must be re-stapled in numerical sequence and handed in irrespective of whether the question was attempted or not.
- 6. Careful time management is essential in order to complete all the questions.
- 7. Print your name in the block provided on every answer sheet.
- 8. All answers must be drawn accurately and neatly.
- 9. Any details or dimensions not given must be assumed in good proportion.

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C	OMPLETE THE FOLLOWING:
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	EXAMINATION CENTRE