

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

NASIONALE
SENIOR SERTIFIKAAT

GRAAD 11

INGENIEURSGRAFIKA EN -ONTWERP V1

NOVEMBER 2011

PUNTE: 100

TYD: 2 uur

Die vraestel bestaan uit 6 bladsye.

Kopiereg voorbehou



* G R D E A 1 *

INSTRUKSIES EN INLIGTING

1. Die vraestel bestaan uit VIER vrae.
2. Beantwoord ALLE vrae.
3. Alle tekene moet volgens skaal 1:1 geteken word, tensy anders vermeld.
4. Alle vrae moet op die gegewe antwoordvelle beantwoord word.
5. Alle antwoordvelle moet weer in nommervolgorde vasgekram en ingelewer word, ongeag of die vraag beantwoord is of nie.
6. Sorgvuldige tydsbeplanning is nodig om alle vrae te beantwoord.
7. Drukskryf jou naam in die blokkie voorsien op elke antwoordvel.
8. Alle antwoorde moet akkuraat en netjies geteken word.
9. Besonderhede of afmetings wat uitgelaat is, moet in goeie verhouding beraam word.

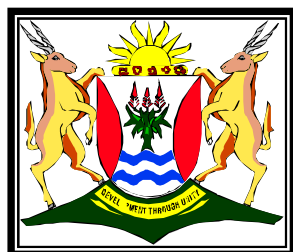
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VOLTOOI DIE VOLGENDE:
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VOLTOOI DIE VOLGENDE:	
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ISEBE LEMFUNDO LEMPUMA KOLONI
EASTERN CAPE EDUCATION DEPARTMENT
OOS-KAAP ONDERWYSDEPARTEMENT

NATIONAL
SENIOR CERTIFICATE

GRADE 11

ENGINEERING GRAPHICS AND DESIGN P1

NOVEMBER 2011

MARKS: 100

TIME: 2 hours

This question paper consists of 6 pages.

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INSTRUCTIONS AND INFORMATION

1. The question 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 answered 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.

FOR OFFICIAL USE ONLY									
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COMPLETE THE FOLLOWING:

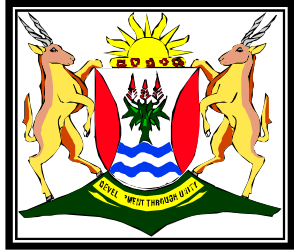
NAME

NAME

EXAMINATION CENTRE

EXAMINATION CENTRE

Please turn over



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EXAMINATION CENTRE