#### WESTERN CAPE EDUCATION DEPARTMENT

# MATHEMATICS PI

Practice paper: June 2014

TIME: 3 HOURS

MARKS: 150

This question paper consists of 6 pages and a formula sheet.

#### INSTRUCTIONS

Read the following instructions carefully before answering the questions.

- This question paper consists of 12 questions. Answer ALL the questions.
- Clearly show ALL calculations, diagrams, graphs, et cetera, which you have used in determining the answers.
- An approved scientific calculator (non-programmable and non-graphical) may be used, unless stated otherwise.
- 4. If necessary, answers should be rounded off to TWO decimal places, unless stated otherwise.
- 5. Number the answers correctly according to the numbering system used in this question paper.
- Diagrams are NOT necessarily drawn to scale.
- It is in your own interest to write legibly and to present the work neatly.
- Start each question on a new page.

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**Minjie Lin** 

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