UNIVERSITY OF JOHANNESBURG

FACULTY OF EDUCATION

NOVEMBER EXAMINATION 2015

PROGRAMME: B Ed and PGCE

MODULE: LEARNING AREA METHODOLOGY 4B: MATHEMATICS

LEARNING AREA METHODOLOBY B: MATHEMATICS

LEARNING AREA METHODOLOGY B: MATHEMATICS

(PGCE)

CODE: LMW4B10

LMW0B10

LMWBB10

TIME: 14 NOVEMBER 2015

MARKS: 100

EXAMINER: MRS KIM RAMATLAPANA

MODERATOR: DR PW BARMBY (UNIVERSITY OF THE WITWATERSRAND)

(This paper consists of **2** pages)

INSTRUCTIONS

Read the following instructions carefully:

1. Candidates should present their 'hard copy' research project documents (in a collated form, e.g. ring bound) to the examiners in the examination venue, accompanied by the required and signed plagiarism document of the University.

2. Candidates are free to exit the examination venue, as soon as their research project documents have been submitted.

NATURE OF THE RESEARCH PROJECT

Candidates are required to conduct and report on a limited research project in the domain of Mathematics Education in the school sector. The project should be conducted and reported on in a scientific manner and the report should ideally display the following structure (presented in Arial 12 font and 1.5 line spacing, 20 – 25 pages):

1. Cover page (use template provided)
2. Abstract
3. Background to your research
   - Problem statement
   - Current debate (refer to the literature)
   - Your research question
   - Objectives
4. Literature review
5. Methodology (your research)
   - Research context
   - Research design
     - Method (quantitative, qualitative or mixed method)
     - Data analysis methods
     - Ethical considerations
6. Findings
   - Integrate your data with trends in literature
7. Conclusion and recommendations
   - Conclusions
   - Recommendations
   - Limitations of the study
   - Final reflection
8. Reference list
9. Addenda (questionnaires, transcripts, permission letters, school marketing brochures, photos, etc., if appropriate).

TOTAL: 100

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