



**UNIVERSITY OF JOHANNESBURG**  
**FACULTY OF EDUCATION**  
**NOVEMBER / DECEMBER**  
**SUPPLEMENTARY EXAMINATION 2014**

**PROGRAMME:** B Ed (FET AND SENIOR PHASE)  
**MODULE:** METHODOLOGY AND PRACTICUM: ENGINEERING  
 GRAPHICS AND DESIGN TECHNOLOGY  
**CODE:** MFSPTB2  
**TIME:** 2 hours  
**MARKS:**  
**EXAMINER:** Dr F van As  
 Prof P Ankiewicz  
**MODERATOR:** Mr W Engelbrecht  
 (This paper consists of ... pages)

**INSTRUCTIONS**

Read the following instructions carefully before answering the questions.

1. This question paper....
- 2.

**QUESTION 1**

1.1 ()

1.2 ()

()

**QUESTION 2**

2.1 ()

2.1.2 ()

2.2 ()

()

**TOTAL: 150**

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