



**UNIVERSITY OF JOHANNESBURG**  
**FACULTY OF EDUCATION**  
**NOVEMBER EXAMINATION 2016**

**PROGRAMME:** B Ed (SENIOR PHASE)  
**MODULE:** LEARNING AREA METHODOLOGY: TECHNOLOGY  
**CODE:** LMG0B10  
**TIME:** 2 hours  
**MARKS:** 100  
**EXAMINER:** Dr CF van As  
**MODERATOR:** Mr W Engelbrecht (UJ)

(This paper consists of **three (3)** pages)

**INSTRUCTIONS**

Read the following instructions carefully before answering the questions:

1. You may answer the questions in English or Afrikaans.
2. Answer all the questions.

**QUESTION 1**

- 1.1 "Teachers reflect all day, every day, while in the act of teaching." Briefly describe any three (3) aspects of teaching that a teacher would reflect on. (6)
- 1.2 Due to the fact that the practice of teaching is complex, it is essential that teachers, as reflective practitioners, intentionally construct a teaching philosophy. Discuss your own teaching philosophy by referring to the following aspects:
  - Your objectives as a teacher
  - Methods to be used to achieve these objectives
  - How the effectiveness of these objectives and methods can be measured
  - Your view on why teaching is important. (8)

**[14]**

**QUESTION 2**

- 2.1 Define the concept action research. (2)
- 2.2 Briefly describe the four (4) phases of action research. (8)
- 2.3 Motivate why the school practicum research project you have been involved in, can be regarded as action research. (3)

**[13]****QUESTION 3**

- 3.1 During your school experience you were involved in a research project where you had to plan an intervention to solve a problem in the technology classroom.
- 3.1.1 Motivate why this research project can be regarded as qualitative research. (2)
- 3.1.2 Briefly describe the problem you identified. (2)
- 3.1.3 Briefly discuss the intervention that you planned and applied. (5)
- 3.1.4 What was the purpose of the research that you undertook? (3)
- 3.2 Name and briefly discuss the three (3) data-collection methods that are associated with qualitative research. (6)
- 3.3 Choose one (1) of the methods you have used during the school practicum research project and briefly describe how you applied it. (5)
- 3.4 Briefly discuss the aspects that the researcher must remember when he/she:
- 3.4.1 analyses qualitative data. (4)
- 3.4.2 categorises qualitative data. (4)

**[31]****QUESTION 4**

- 4.1 Your research project has been described in the form of a research report. Briefly explain the aspects that your report consists of. (5)
- 4.2 Name and briefly discuss the most important findings of your research. (8)
- 4.3 Name the eight (8) broad research foci that are generated in a classroom by the complexity of teaching and the resulting dilemmas, which can be researched by the teacher. (8)

- 4.4 Translate two (2) of your findings (mentioned in 3.2) of the school practicum research project to the broad research foci (mentioned in 3.3), and motivate your answer. (6)
- 4.5 Briefly discuss how you verified the emerging findings. (5)
- 4.6 Briefly discuss the implications the findings might possibly have for the technology teacher and the learners at the school where you have done your school practicum. (10)

**[42]**

**TOTAL: 100**

----oOo----

