



UNIVERSITY OF JOHANNESBURG
FACULTY OF EDUCATION
DECEMBER
SUPPLEMENTARY EXAMINATION 2015

PROGRAMME: B Ed (FET SCHOOL PHASE)
MODULE: SUBJECT METHODOLOGY:
 ENGINEERING GRAPHICS AND DESIGN
CODE: XGD0000
TIME: 2 hours
MARKS: 100
EXAMINER: Dr CF van As
 Prof PJ Ankiewicz
MODERATOR: Ms A du Toit (NWU)
 (This paper consists of 2 pages)

INSTRUCTIONS:

Read the following instructions carefully before answering the questions:

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

QUESTION 1

- 1.1 Discuss the following statement: "Reflection is important and critical to good teaching." (4)
- 1.2 Briefly describe the value that teacher inquiry might add to the teaching profession. (6)
- 1.3 Define action research. (2)
- 1.4 When and where will a teacher do action research? (2)
- 1.5 What is the purpose of action research? (6)
- 1.6 Briefly describe how action research differs from other forms of research. (4)
- 1.7 Motivate why the school practicum research project you have been involved in, can be regarded as action research. (3)

QUESTION 2

- 2.1 Briefly describe qualitative research. (3)
- 2.2 Explain the researcher's obligation towards the respondents during qualitative research? (2)
- 2.3 Briefly discuss the purpose of the research that you undertook during the school practicum. (3)
- 2.4 Name and briefly discuss the three data-collection methods that are associated with qualitative research. (6)
- 2.5 Describe how the data-collection method(s) that was chosen by you was applied during the school practicum research project. (6)
- 2.6 Briefly discuss the process of qualitative data analyses. (4)
- 2.7 Name and briefly discuss the aspects that the researcher must remember when he/she categorises qualitative data. (5)

QUESTION 3

- 3.1 Explain the aspects what a research report consists of. (5)
- 3.2 Name and briefly discuss the most important findings of your research. (10)
- 3.3 Name the eight 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)
- 3.4 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)
- 3.5 Briefly discuss how you verified the emerging findings. (5)
- 3.6 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)

TOTAL: 100