



UNIVERSITY OF JOHANNESBURG
FACULTY OF EDUCATION
JUNE SUPPLEMENTARY EXAMINATION 2016

PROGRAMME: B. Ed Foundation Phase Programme
MODULE: Teaching Methodology and Practicum 3A
CODE: MPR10A3
TIME: 2 hours
MARKS: 100 marks
EXAMINER: Mrs. H. Van der Haar
MODERATOR: Dr. P. Naidoo

(This paper consists of 3 pages)

INSTRUCTIONS

Read the following instructions carefully before answering the questions.

1. This question paper consists of three (3) questions and three (3) pages.
2. Please answer **ALL** the questions.
3. Please write in black ink.
4. Please include your name, surname and student number on your answer script.

QUESTION 1

Teaching Mathematics in the Foundation Phase

- 1.1 What role does problem solving play in Mathematics? List the appropriate problem solving techniques to use in the Foundation Phase? (10)
- 1.2 Tabulate the differences between rote counting and rational counting. (10)
- 1.3 Name and discuss the five strands of Mathematical Proficiency. (10)
- 1.4. How would you describe each of Van Hiele's five (5) levels of geometric reasoning? (10)

- 1.5 Name and provide a simple number sentence for each of the properties of addition, subtraction and division. (10)

TOTAL FOR QUESTION 1: 50 marks

QUESTION 2

Lesson Planning in the Foundation Phase

- 2.1 When planning a lesson, a teacher would make a *selection of 'outcomes that would describe the demonstration of competencies by learners'*. Elaborate on this statement by focusing specifically on the three categories/domains of learning. (6)
- 2.2 Discuss six (6) factors that could possibly affect the key stakeholders in a lesson. (12)
- 2.3. Why is it important for teachers in training to learn in and from practice? (6)

TOTAL FOR QUESTION 2: 24 marks

QUESTION 3

Pedagogy of teaching reading and writing in the Foundation Phase.

- 3.1 What are some of the links you can make between reading and writing in the Foundation Phase? (10)
- 3.2 Design a diagram in which you clearly indicate your understanding of effective scaffolding in teaching writing. Please include a brief description of each of the eight (8) levels. (8)
- 3.3 Draw on your knowledge of the children's book *The Gruffalo's Child* by Julia Donaldson. Design the following appropriate Foundation Phase questions that would promote the full understanding of the story:
- 3.3.1 Open-ended question

3.3.2 Close ended question

3.3.3 Leading question

3.3.4 Hypothetical question (4)

3.4 What are the two (2) indicators of accuracy in writing? Provide a brief description of each. (4)

TOTAL FOR QUESTION 3: 26 marks

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