



UNIVERSITY OF JOHANNESBURG
FACULTY OF EDUCATION
JUNE 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 In your opinion, what role does problem solving play in Mathematics? Can you recommend appropriate problem solving techniques to use in the Foundation Phase? (10)
- 1.2 Compare a learner's ability in rote/verbal counting to that of rational counting/counting objects. (10)
- 1.3 Based on what you know about being mathematically numerate, identify and explain the five strands of Mathematical Proficiency. (10)

1.4. Provide a brief description of 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 multiplication. (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 Identify and discuss six **(6)** factors that could possibly affect the outcomes of a lesson. (12)

2.3. In your opinion, 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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