

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION

FINAL EXAMINATION PAPER December 2017:

MASTER OF EDUCATION IN PRIMARY EDUCATION

COURSE NUMBER: PED609

COURSE NAME: TEACHING & ASSESSING SCIENCE AT PRIMARY SCHOOL
LEVEL

TIME ALLOWED: 3 HOURS

- INSTRUCTIONS:
1. THIS PAPER HAS **FIVE** QUESTIONS.
 2. ANSWER ANY **FOUR** QUESTIONS.
 3. EACH QUESTION IS WORTH 25 MARKS.
 4. DOCUMENTS REFERRED TO IN SOME OF THE QUESTIONS ARE ATTACHED. IF YOU DO NOT FIND THEM, ASK FOR THEM.
 5. ANY PIECE OF WRITTEN WORK WHICH IS NOT FOR MARKING PURPOSES MUST BE CROSSED OUT CLEARLY.

THIS PAPER MUST NOT BE OPENED UNTIL PERMISSION IS GIVEN BY THE
INVIGILATOR

Answer **four** questions from this paper.

Question 1

- a. Distinguish between assessment of learning and assessment for learning. (10)
- b. Discuss assessment as practiced in Swaziland (both school based and national) indicating its value and feasibility. (15)

Total

[25 Marks]

Question 2

- a. Design a performance assessment test for Grade 7 involving **three** of the following concepts; electricity, pollution, habitats, matter and energy. (15)
- b. Distinguish between authentic assessment and traditional assessment giving examples of question that each might contain. (10)

Total

[25 Marks]

Question 3

Prepare a presentation that you would use in a workshop where innovative types of assessment are discussed and with aim of producing an item bank for Grade 7 science. Your presentation should cover, all the processes, types and purposes for assessment.

Total

[25 Marks]

Question 4

- a. A test is marked out of 50. Given that each item is worth 5 marks, the following are results from the 10 item test for 5 learners A, B, C, D and E.

Item	A	B	C	D	E
1	1	2	2	0	1
2	5	5	5	5	4
3	3	4	4	2	4
4	2	4	3	1	4
5	4	3	1	1	4
6	3	5	1	2	5
7	2	3	3	3	3
8	1	4	2	3	4
9	4	4	4	0	5
10	0	5	4	1	4

Given that the class average for the whole exam was 65

- Calculate the item difficulty for the group for each item
- Calculate the discrimination index for each item on the test.
- Evaluate the quality of this test, giving reasons for your evaluation.

[25 Marks]

Question 5

Online assessment has the advantage of allowing a large number of learners to take it in their varied environments. Discuss

- Advantages and disadvantages of online assessment (10)
- The usability of online assessment in Swaziland primary school environments. (15)

Total

[25 Marks]