

UNIVERSITY OF SWAZILAND

FACULTY OF EDUCATION

FINAL EXAMINATION PAPER December 2016:

MASTER OF EDUCATION IN PRIMARY EDUCATION

COURSE NUMBER: PED607

COURSE NAME: DEVELOPMENTS IN SCIENCE EDUCATION

TIME ALLOWED: 3 HOURS

- INSTRUCTIONS:
1. THIS PAPER HAS **FIVE** QUESTIONS.
 2. ANSWER ANY **FOUR** QUESTIONS.
 3. EACH QUESTION IS WORTH 25 MARKS.
 4. 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 any **four** questions from this paper.

Question 1

Give an account of the development in science education since SPUTNIK. Include specific examples of types of curricula or teaching approaches involved. **[25 Marks]**

Question 2

Theories of learning have impacted the way we understand teaching/learning. Discuss showing your understanding of at least two dissimilar existing theories. **[25 Marks]**

Question 3

Discuss the Montessori approach to learning. **[25 Marks]**

Question 4

Discuss and justify the proposed curriculum framework for Swaziland. Compare that with education standards from one other country. **[25 Marks]**

Question 5

Supposing you are given the responsibility of heading a curriculum review committee, use one of the following to suggest how you would lead a curriculum reform for primary school science: theory of learning, disease, sustainable development, environmental problems.

Total

25 Marks