

UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER MAY 2018: MASTER OF EDUCATION PRIMARY

COURSE NUMBER: PED612

COURSE NAME: PHILOSOPHICAL ASPECTS OF 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. 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

Question 1

- a. Karl Popper and Thomas Kuhn have their background in science thus their philosophies reflect a scientific bias. Discuss the similarities and differences in their views. (15)
- b. Discuss how Kuhn's philosophy is reflected in the Swaziland science curriculum. (10)

Total

25 Marks

Question 2

- a. Schwab describes the curriculum as in a state of 'moribund'. Discuss (10)
- b. Show how Schwab's theoretical and practical modes of curriculum inquiry differ and how they relate to the science curriculum in Swaziland. (15)

Total

25 Marks

Question 3

- a. John Dewey's asserts that education is essential for life. Discuss his philosophy of education (15)
- b. Explain how Dewey's view of life influenced his thinking about science education. (10)

Total

25 Marks

Question 4

- a. Plato proposed a view of 'education for democracy'. Discuss (15)
- b. Compare current curricula in Swaziland to Plato's views of the curriculum. (10)

Total

25 Marks

Question 5

- a. Discuss how Horace Mann deals with education and socio-political impact of education. (15)
- b. Indicate how Mann influenced the Swaziland education system. (10)

Total

25 Marks