

UNIVERSITY OF SWAZILAND  
FACULTY OF EDUCATION  
DEPARTMENT OF CURRICULUM AND TEACHING  
MAIN EXAMINATION PAPER May 2017

TITLE OF PAPER: Curriculum Studies: Mathematics II

STUDENTS: M.Ed. Level 1

COURSE CODE: CTE620

TIME: Three (3) hours

INSTRUCTIONS:

1. This paper contains FIVE questions.
2. Answer ANY FOUR questions
3. Answer questions in continuous essay form.
4. Each questions carries 25 marks

**This paper contains 2 pages including this one**

DO NOT OPEN UNTIL INTRUCTED BY THE INVIGILATOR

### **Question 1**

Write a paper to present to a group of teachers on using geogebra in the teaching of a topic in school mathematics. [25]

### **Question 2**

Discuss different ways of managing the listed aspects of school mathematics.

- i) Teachers of mathematics
- ii) Teaching resources
- iii) The learning of mathematics [25]

### **Question 3**

Discuss theoretical perspectives on the use of technology in the teaching and learning of school mathematics. (If you answered question 1 do not repeat issues you have already discussed) [25]

### **Question 4**

Write an essay on using problem solving and investigations in an examination oriented curriculum. [25]

### **Question 5**

Write an essay recommending appraisal of school mathematics teachers in Swaziland. [25]

**The End.**