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

TITLE OF PAPER: Advanced Curriculum Studies: Mathematics I

STUDENTS: M.Ed. Level 1

COURSE CODE: CTE619

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 PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR.

Question1

Compare and contrasts absolutism and fallibilism in relation to the teaching and learning of school mathematics

Question 2

Use your knowledge of the fallibilists and the absolutists' philosophies to write an analysis of your approach to the teaching of school mathematics.

Question3

Discuss Jankvist (2009)'s "whys" and "hows" of the history of school mathematics

Question 4

Discuss the history of **ONE** of the following school topics: algebra, geometry, trigonometry or calculus

Question 5

Discuss learners' errors or misconceptions in the learning of school calculus.

THE END