UNIVERSITY OF SWAZILAND

EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURAL
                     EDUCATION, YEAR 2

COURSE CODE: AEE256

TITLE OF PAPER: EDUCATIONAL RESEARCH METHODS

TIME ALLOWED: THREE (2) HOURS

INSTRUCTION: ANSWER ALL (4) QUESTIONS

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED

BY THE CHIEF INVIGILATOR

QUESTION 1

A graduate student conducted a study on the relationship between first year students' class attendance and academic performance in Luyengo Campus, University of Swaziland. The findings revealed that students' class attendance contributed to students' academic performance. Those who attended lectures/class regularly, performed better than those who were often absent from lectures/classes.

    a. What were the hypotheses of the graduate student in this study? (5 Mark)
    b. What were the assumptions of the graduate student on this subject? (5 Marks)
    c. Suggest the variables of interest in this study? (5 Marks)
    d. Suggest possible recommendations in this study? (5 Marks)
    e. Identify possible statistical tool(s) that used to analyse data in this study? (5 Marks)

[25 Marks]

QUESTION 2

Define the following terms as they are used in educational research:

    a. Dependent variable
    b. Unit of analysis
    c. Target population
    d. Independent variable
    e. Validity
    f. Pilot testing
    g. Reliability
    h. Face validity
    i. Research design
    j. Representative sample
       (10 x 2.5= 25)   **[25 Marks]**

QUESTION 3

Write short notes to reflect elements of Chapter 1-Introduction and Chapter 3-Methodology in a research proposal (12.5 x2=25)

[25 Marks]

QUESTION 4

Write short notes to contrast qualitative and quantitative research (12.5 x 2=25)

[25 Marks]