

43



**SUPPLEMENTARY 2004/2005**

**PAGE 1 OF 2**

**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME:           B.Sc. AGRICULTURAL EDUCATION YEAR 4  
                              B.Sc. HOME ECONOMICS YEAR 4  
                              B.Sc. HOME ECONOMICS EDUCATION YEAR 4**

**COURSE CODE:        AEE 401**

**TITLE OF PAPER:     EDUCATIONAL RESEARCH METHODS**

**TIME ALLOWED:      TWO (2) HOURS**

**INSTRUCTION:        ANSWER ALL QUESTIONS**

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GRANTED BY THE CHIEF INVIGILATOR**

44

**AEE 401 – SUPPLEMENTARY**  
**PAGE 2 OF 2**

**QUESTION 1**

- a. Differentiate between Research Problem Area and Specific Research Problem. [10 marks]  
b. Explain how to write a Purpose of Study as opposed Objectives of the Study. [10 marks]  
c. What should be included under Significance of the Study? [5 marks]
- [Total = 25 marks]

**QUESTION 2**

Use the following passage to answer the following questions:

**Review of Literature**

*The review of literature will discuss research and theory on the construct of employee morale and satisfaction, particularly as it relates to teachers. The literature will also present a review of effects of teacher morale and satisfaction on their productivity and the factors that influence morale and satisfaction.*

- a. What are the descriptors mentioned in the passage? [12 marks]  
b. Name six (6) bibliographic sources one can use to get information on the descriptors? [12 marks]  
c. Name the descriptor for the dependent variable. [1 mark]
- [Total = 25 marks]

**QUESTION 3**

- a. Differentiate among independent, neither and dependent variables. [6 marks]  
b. Differentiate among moderator, control and intervening variables. [6 marks]  
c. Write a passage where all types of variables in a. and b. are given as examples. [12 marks]  
d. What does the term “instrument” means in the context of operationalising variables? [1 mark]
- [Total = 25 marks]

**QUESTION 4**

- a. Name an independent variable and, state the same variable in the following form:
- i. as nominal, ordinal, interval and ratio [8 marks]  
ii. as categorical and continuous variable [4 marks]  
iii. as dichotomy and multichotomy variable [4 marks]
- b. Explain how to establish reliability and validity of an instrument. [8 marks]  
d. State the range of reliability measure. [1 mark]
- [Total = 25 marks]