



2nd SEM. 2016/20117

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: BSc. AGRICULTURAL EDUCATION YEAR 3

COURSE CODE: AEE 301

TITLE OF PAPER: EDUCATIONAL RESEARCH METHODS

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL (4) QUESTIONS

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QUESTION 1

According to Wiersma and Jury (2005), research as a process involves FIVE (5) major steps. Discuss these steps and indicate ONE subtopic under each step.

QUESTION 2

(25 Marks)

- a. Give FIVE reasons why researchers write a research proposal before conducting research in Agricultural Education. (5X3=15 Marks)
- b. Discuss FIVE reasons why THEORETICAL FRAMEWORK and CONCEPTUAL FRAMEWORK are each important in Research. (5X2=10 Marks)

(25 Marks)

QUESTION 3

- a. Define the following terms that are used in educational research:
 - i. Null hypothesis
 - ii. Dependent variable
 - iii. Reliability
 - iv. Validity
 - v. Unit of Analysis
 - vi. Directional research hypothesis
 - vii. Field testing
 - viii. Pilot testing
 - ix. Frame error
 - x. Independent variable

(2X10=20 Marks)

- b. Discuss FIVE ways of presenting research findings from a study in Agricultural Education.

(1x5=5 Marks)

(25 Marks)

QUESTION 4

Describe FIVE (5) contrasting characteristics between qualitative and quantitative research.

(5x5)

(25 Marks)