



2<sup>nd</sup> SEM. 2011/2018-SUPP

PAGE 1 OF 3

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURAL  
EDUCATION, YEAR TWO

COURSE CODE: AEE256

TITLE OF PAPER: EDUCATIONAL RESEARCH METHODS

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL (4) QUESTIONS

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE  
CHIEF INVIGILATOR

## AEE 256 - SUPPLEMENTARY EXAMINATIONS

**QUESTION 1**

Briefly describe the following in research

- a. Characteristics of research (10 Marks)
- b. Importance of research (10 Marks)
- c. Sources of a research problem (05 Marks)

(25 Marks)

**QUESTION 2**

Describe:

- a. the **Four (4)** measurement scales. (4x 5=20 Marks)
- b. the properties of each scale? (05 Marks)

(25 Marks)

**QUESTION 3**

Instrumentation entails or relates to instruments, validity, reliability, suitability and pilot study. Discuss these concepts as they relate instrumentation.

- a. Research instruments
- b. Validity
- c. Reliability
- d. Suitability
- e. Pilot study

(25 Marks)

**QUESTION 4**

- a. Describe the following research designs.
  - i. Descriptive survey design
  - ii. Correlational design
  - iii. Experimental design
  - iv. Qualitative design
- b. State the five processes of research.

(20 Marks)

(05 Marks)

(25 Marks)