



2ND SEM. 2014/2015

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**UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION PAPER**

PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURAL AND BIOSYSTEMS ENGINEERING YEAR III
BACHELOR OF SCIENCE IN AGRONOMY YEAR III
BACHELOR OF SCIENCE IN ANIMAL SCIENCE YEAR IV
BACHELOR OF SCIENCE IN ANIMAL SCIENCE (DAIRY) YEAR IV
BACHELOR OF SCIENCE IN CONSUMER SCIENCE YEAR III
BACHELOR OF SCIENCE IN HORTICULTURE YEAR III

COURSE CODE: AEE 305

TITLE OF PAPER: EXTENSION EDUCATION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL (4) QUESTIONS

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QUESTION 1

Identify and describe the FOUR (4) elements in the process of communication of improved agricultural information with farmers. Include ONE (1) characteristic of each element in the description.

[25 marks]

QUESTION 2

Identify and explain the SEVEN (7) factors which influence the efficiency of the teaching-learning situation in extension, including how ONE (1) characteristic of each factor that influences teaching-learning efficiency in extension.

[25 marks]

QUESTION 3

Explain the SIX (6) steps involved in using the method demonstration technique to teach farmers how to spray chemicals to control grasshopper attack on cowpeas.

[25 marks]

QUESTION 4

Write short notes on the following concepts to show the differences in their meanings:

- a. Extension education (10 marks)
- b. Extension service (5 marks)
- c. Educational philosophies (10 marks)

[Total marks: 25]