



UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER

PROGRAMME:

**BACHELOR OF SCIENCES IN AGRICULTURAL
AND BIOSYSTEMS ENGINEERING (BSc. ABE) III
BACHELOR OF SCIENCES IN AGRONOMY
(BSc. Agron.) III
BACHELOR OF SCIENCES IN ANIMAL SCIENCE
(BSc. Ani. Sc.) 1V
BACHELOR OF SCIENCES IN ANIMAL SCIENCE
DAIRY (BSc. Ani. Sc. Dairy) IV
BACHELOR OF SCIENCES IN CONSUMER
SCIENCES (BSc. COS) III
BACHELOR OF SCIENCES IN HORTICULTURE
(BSc. Hort.) III**

COURSE CODE:

AEE 305

TITLE OF PAPER:

EXTENSION EDUCATION

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTION:

ANSWER ALL (4) QUESTIONS

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

QUESTION 1

Identify and briefly explain **TEN (10) competencies** an extension agent should possess to function effectively. **(25 Marks)**

QUESTION 2

- (i) What is communication? (1 Mark)
- (ii) Discuss **SIX (6) factors** that influence effective communication. (12 Marks)
- (iii) Identify and discuss **SIX (6) barriers** to effective communication in extension. (12 Marks)

(25 Marks)

QUESTION 3

- (i) What do we mean by '**Agricultural Extension Education?**' (5 Marks)
- (ii) Explain at least five objectives of extension in Swaziland. (5 Marks)
- (iii) Discuss how the following types of education differ by stating the characteristics of each.
 - a. Formal Education
 - b. Non Formal Education and;
 - c. Informal Education

(15 Marks)

(25 Marks)

QUESTION 4

You have been engaged as a new Extension Officer to assist smallholder farmers to improve their maize productivity. List and discuss at least **TEN (10) extension teaching methods** that you are likely to use when relaying information to farmers.

(25Marks)