



UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURAL  
EXTENSION YEAR I

COURSE CODE: AEE 104

TITLE OF PAPER: ICT IN EXTENSION

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL (4) QUESTIONS

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BY THE CHIEF INVIGILATOR***

**QUESTION 1**

- (i) Explain the meaning of ICT. (1 Mark)
  - (ii) Discuss at least:
    - a. SIX (6) **advantages** of communication technology in an organization, and (6 Marks)
    - b. SIX (6) **disadvantages** of communication technology in an organization. (6 Marks)
- [25 Marks]**

**QUESTION 2**

- (i) Information can be stored using various devices in a computer. Name and describe **FOUR (4) basic types of information storage devices**. (20 Marks)
  - (ii) Discuss **FIVE (5) ways** that can be used to connect computers into the internet. (5 Marks)
- [25 Marks]**

**QUESTION 3**

- (i) The following are different types of computer networks; **LAN, WLAN and WAN**. Describe each of them and explain how it functions. (15 Marks)
  - (ii) Differentiate between a **computer hardware and a computer software**. Give two examples of each. (10 Marks)
- [25 Marks]**

**QUESTION 4**

There are **FIVE (5) elements of an information system** that work together to achieve the goal of providing information. List and discuss each of these elements.

**[25 Marks]**