



***"Investing in Africa's Future"***

## **College of Health, Agriculture and Natural Sciences**

**AHC 303: HARVEST AND POST-HARVEST TECHNOLOGY**

**END OF FIRST SEMESTER EXAMINATIONS**

**NOVEMBER 2021**

**LECTURER: MR. MTAITA T. A.**

**DURATION: 5 HRS**

### ***INSTRUCTIONS***

1. Download the Examination Paper and Work offline
2. Answer **One** Question
3. Upload your response in PDF format within the allowed duration

### Question One

- a. Unpack and discuss the major causes of post-harvest losses in sub-Saharan Africa and develop strategies for betterment. [40]
- b. Write an organized essay titled "Post-harvest extension: Getting the message across". [30]
- c. Discuss the aspects of quality and maturity in post-harvest technology. [30]

### Question Two

- a. Analyze the causes and prevention of poor quality in cut flowers. [30]
- b. Discuss the pre and post-harvest causes of losses and establish clear strategies to ameliorate the problems. [40]
- c. Write a technical bulletin covering the considerations necessary for a successful post-harvest extension program. [30]

### Question Three

- a. Analyze the current and future trends of post-harvest technology in developing countries [30]
- b. Write about Quality and maturity in post - harvest technology and clearly advise resource poor farmer on how to benefit from such information [30]
- c. If you are given an opportunity to share knowledge to postharvest scholars in developing countries, share your technical thoughts about;
  - i. Grade standards, [10]
  - ii. Disease and pest suppression, [10]
  - iii. Instrumentation in post-harvest technology, and [10]
  - iv. Future of post-harvest technology in the developing counties. [10]

**End of Exam Paper**