



**NATIONAL OPEN UNIVERSITY OF NIGERIA
FACULTY OF AGRICULTURAL SCIENCES
DEPARTMENT OF CROP AND SOIL SCIENCES**

EXAMINATION: 2021_2 SEMESTER POP EXAMINATION 7836

COURSE TITLE: HARVESTING, PROCESSING AND STORAGE OF CROPS (2CU)

COURSE CODE: CRP310

TOTAL SCORE: 70 MARKS

INSTRUCTION: Answer THREE Questions. compulsory question 1 (30marks) and any TWO Questions (20 marks each)

TIME ALLOWED: 2hours

QUESTION

Q1

- a. Discuss briefly the harvesting of tropical crops in your region. (10marks)
- b. Outline the procedures of achieving Long-term storage of grains (10marks)
- c. Explain the principles of combined preservation procedures. (10marks)

Q2

- a. What roles do hormones play in plant senescence. (15marks)
- b. What are the considerations to be taken into account before selecting most suitable storage of crops? (5marks)

Q3

Explain in details the method of Preservation of vegetables by acidification. (20marks)

Q4.

- a. State the methods to promote conduct of research in postharvest activities. (10MARKS)
- b. Categorise biological agents that influence deterioration in food storage. (10MARKS)