



**AFRICA
UNIVERSITY**
A United Methodist-Related Institution

"Investing in Africa's Future"

**COLLEGE OF SOCIAL SCIENCES, THEOLOGY HUMANITIES
AND EDUCATION
DEPARTMENT OF SOCIAL SCIENCES
HES 225 AGRICULTURE AND THE ENVIRONMENT
END OF FIRST SEMESTER EXAMINATIONS**

NOVEMBER/DECEMBER 2018

LECTURER: G. R. CHIMONYO

DURATION: THREE HOURS

INSTRUCTIONS

1. Do NOT write your name on the answer sheet
2. Use answer sheets provided
3. Answer any **THREE (3)** questions
4. Read and understand all questions and instructions before your answer
5. Where necessary, illustrate your answers with sketches, figures and diagrams
6. Each question is marked out of 20 marks
7. Take note of mark distribution in each question
8. Begin your answer for each question on a new page
9. Credit is given to neat presentation of answers

Question One

‘The co-evolution theory does not explain why hunter-gather societies started to engage in agriculture and to follow a sedentary life instead of continuing with foraging, but it explains how it happened.’ Elaborate this statement.

Question Two

‘Throughout the history of agriculture, Europe never had adequate food. In fact communities lived on the verge of starvation and sometimes faced famine up to until the Agricultural Revolution in the 18th Century.’ How far is this statement true?

Question Three

Examine the causes and consequences of fluctuations in food supply in Europe up to the 18th Century.

Question Four

Discuss the factors leading to the decline and final abandonment of traditional farming systems in Indonesia during occupation by the Dutch.

Question Five

‘Some authorities have attributed deforestation in the tropics to traditional farming systems, but this tends to hide the true reasons why deforestation will continue unabated for the unforeseeable future even when traditional farming systems have been abandoned.’ Discuss this statement in relation to historical and current deforestation in the humid tropics.

Question Six

Review the prospects for sustainable agriculture in sub-Saharan Africa and explain why sustainable agriculture may not offer a solution to the sub-Saharan Africa’s food crisis.

Question Seven

Citing specific examples, examine the environmental and social consequences of the advent of agriculture.

END OF QUESTION PAPER