



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
FIRST YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR DEGREE OF
BACHELOR OF SCIENCE IN AGRICULTURAL EXTENSION EDUCATION AND
BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT
2018/2019 ACADEMIC YEAR
REGULAR

COURSE CODE: APT 3114

COURSE TITLE: INTRODUCTION TO AGRICULTURE

EXAM VENUE: **STREAM: (BSc Agric. Ext. Educ. & Agribus. Mgt.)**

DATE: **EXAM SESSION:**

TIME: 2HOURS

Instructions

- 1. Answer ALL questions in Section A (compulsory) and ANY TWO questions in Section B**
 - 2. Candidates are advised not to write on the question paper**
 - 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**
-

SECTION A [30 MARKS]

Answer ALL questions in this section

- | | |
|--|------------------|
| 1a. Explain what is meant by 'Land Tenure'. | [5 marks] |
| b. Highlight the role of agriculture in economic development | [8 marks] |
| c. Outline the effect temperature and rainfall variability on agriculture. | [6 marks] |
| d. Explain the benefits of agro – forestry and mixed cropping systems. | [8 marks] |
| e. What is the importance of value addition of farm produce | [3 marks] |

SECTION B [40 MARKS]

Answer ANY TWO questions from this section

- | | |
|---|-------------------|
| 2a. Explain the role of ' Vision 2030 in transforming agricultural sector. | [10 marks] |
| b. Explain how ' Swynerton Plan ' influenced agricultural change in Kenya. | [10 marks] |
| 3. Discuss the role of biotechnology in agriculture. | [20 marks] |
| 4. Discuss the origin and development of agriculture. | [20 marks] |