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]