

C-1



## **MASENO UNIVERSITY**

### **UNIVERSITY EXAMINATIONS 2017/2018**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR  
THE DEGREE OF BACHELOR OF SCIENCE IN  
AGRICULTURAL ECONOMICS AND AGRIBUSINESS  
MANAGEMENT WITH INFORMATION TECHNOLOGY**

#### **MAIN CAMPUS**

#### **AED 101: FUNDAMENTALS OF AGRICULTURAL EDUCATION AND EXTENSION**

Date: 21<sup>st</sup> February, 2018

Time: 8.30 - 11.30am

---

#### **INSTRUCTIONS:**

- Answer Question ONE and any other THREE



- Q1. a) With an illustration, explain the term “Extension Education” (2 marks)
- b) Describe three main facets of Agricultural Extension (6 marks)
- c) Explain the key institutional features that led to the failures of the National Extension Program (NEP) in Kenya (5 marks)
- d) The government is in the process of changing the education system in Kenya from 8-4-4 to 3-6-6-3. Outline the principles of changing higher education system (7 marks)
- e) Explain three (3) organizational policy issues that affect the scope, magnitude, and structure of the extension system. (5 marks)
- Q2. a) Differentiate between formal and informal education in agricultural extension (10 marks)
- b) What considerations must the extension worker have in order to build mutual trust between himself and the farmer? (5 marks)
- Q3. a) Explain the differences between market-led and farmer-led extension (10 marks)
- b) Describe the role of agricultural extension personnel in market-led-extension (5 marks)
- Q4. a) What is cyber extension in the applied context of Agriculture? (5 marks)
- b) Explain five merits of cyber extension to agricultural development in Kenya (10 marks)
- Q5. There is no standard formula to be used in formulating agricultural extension policies. Discuss five key issues that an extension policy should address (15 marks)

Q6. Youths should be encouraged to farm as they are not only needed to replace an ageing generation of agri-entrepreneurs but also ensure continuity of farm operations. Explain seven major constraints to youth engagement in agriculture. (15 marks)

\*\*\*\*\*

