



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**SECOND YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT**

2017/2018 ACADEMIC YEAR

REGULAR

COURSE CODE: AAE 3211

COURSE TITLE: EXTENSION METHODS AND COMMUNITY OUTREACH

EXAM VENUE: LAB 11

STREAM: BSc. (Agribusiness Management)

DATE: 19/12/17

EXAM SESSION: 2.00 – 4.00PM

TIME: 2 HOURS

Instructions:

- 1. Answer ALL questions in section A and ANY other 2 Questions in section B.**
- 2. Candidates are advised not to write on 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 from this Section

1. Define the following terms as used in agricultural education and extension.
 - a. Agricultural Extension (4Marks)
 - b. Innovation (4 Marks)
2. Differentiate between the following
 - a. Method and result demonstration (4 Marks)
 - b. Principle of need and interest and principle of participation (4 Marks)
3. Enumerate the elements of diffusion and briefly discuss any one element. (6 Marks)
4. Briefly discuss four global agricultural challenges that modern agricultural extension is currently facing. (8 Marks)

SECTION B [40 MARKS]

Answer ANY TWO questions from this section

5. As an officer in charge of extension and community outreach in your organization you have been tasked with initiating potato Innovation Platform in Bahati Sub County.
 - a) Identify four key stakeholders who you will include in the Platform (4 Marks)
 - b) Discuss four constraints that the Innovation Platform may encounter (8 Marks)
 - c) Discuss four dynamic aspects of an Innovation Platform (8 Marks)
6.
 - a). Explain the meaning of innovativeness. (3 Marks)
 - b). Based on innovativeness, the adopters can be classified into five categories, enumerate these categories. (5 marks)
 - c). Discuss giving relevant examples, how any three ICT tools can be used to enhance improvement of agricultural education and extension services in your County. (12 marks)
7. In an extension teaching situation extension agent may use two or more extension methods to be effective in his /her extension work.
 - a) Mention the three broad categories of extension teaching methods giving one example of each. (6 Marks)
 - b) Discuss, with relevant examples, the four determinants for selection of extension methods mentioned in (a). (14 Marks)