



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**SECOND YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR THE
DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE EDUCATION AND
EXTENSION**

2017/2018 ACADEMIC YEAR

REGULAR

COURSE CODE: AEE 3211

COURSE TITLE: EXTENSION APPROACHES AND METHODS

EXAM VENUE: LAB 13

STREAM: BSc. (Agricultural Education and Extension)

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. (i) State the **FOUR** operational principles of agricultural extension. **(4 Marks)**
(ii) Briefly discuss **FOUR** social principles of agricultural extension. **(6 Marks)**
2. Farm and home visits are essential elements of agricultural extension and often constitute 50% of the extension agent's activities.
(i) Highlight **FIVE** purposes of Farm and home visits. **(5 Marks)**
(ii) Briefly describe **HOW** an extension agent prepares for a Farm and Home visits. **(5 Marks)**
3. A method demonstration allows farmers to experience and learn a technique.
(i) Briefly outline the **KEY STEPS** in carrying out a method demonstration. **(6 Marks)**
(ii) State **FOUR** advantages of a method demonstration. **(4 Marks)**

SECTION B [40 MARKS]

Answer ANY TWO questions from this Section.

4. As an officer in charge of extension and community outreach in your organization you have been tasked with initiating a Groundnuts Innovation Platform.
(i) Identify **FOUR** key stakeholders that you will invite to the Platform. **(5 Marks)**
(ii) Discuss in details how you will form the innovation platform. **(10 Marks)**
(ii) Describe **FIVE** challenges that the innovation platform is likely to experience. **(5 Marks)**
5. Mass Media are those channels of communication which can expose large numbers of people to the same information as the same time.
(i) By citing relevant examples discuss **FIVE** Agricultural extension **TASKS** for which mass media channels of communication are most suited. **(10 Marks)**
(ii) As an extension agent you have been tasked with preparing posters for the oncoming field day in your ward. Describe the **SIX** key points that will guide in preparing the posters. **(6 Marks)**
(iii) Highlight **FOUR** limitations of Radio as used in Agricultural Extension. **(4 Marks)**
5. As an extension officer you have been tasked with establishing a Sweet Potato Farmer Field School (FFS) that will focus on production and utilization of the crop for food security.
(i) State **SIX** principles that will guide you in establishing the FFS. **(6 Marks)**
(ii) Describe step by step how you will establish and run the FFS (Use the classical approach). **(10 Marks)**
(iii) Describe the concept of Participatory Technology Development as used in FFS. **(4 Marks)**