



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**

2018/2019 ACADEMIC YEAR

REGULAR

COURSE CODE: AEE 3221

COURSE TITLE: EXTENSION METHODS AND APPROACHES

EXAM VENUE:

STREAM: BSc. AGED

DATE:

EXAM SESSION:

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 term agricultural extension **(3 Marks)**

2. a) State four specific objectives of extension **(4 Marks)**
b) What do you understand by participatory extension approach **(5 Marks)**

3. Discuss the advantages of electronic media in conveying extension messages **(6 Marks)**
4. Briefly explain the historical development of extension since 1960's. **(6 Marks)**

5. Briefly explain the approach in TOT model of extension. **(6 Marks)**

SECTION B [40 MARKS]

Answer ANY TWO questions from this Section

6. Farmer Field School (FFS) were introduced in central Java in Indonesia in 1989, under the assistance provided by FAO to the Indonesian Pest Management (IPM) program on rice and later introduced in Kenya and West Africa in the mid 1990s.
 - a) Briefly explain the key features of a Farmer Field **(10 Marks)**
 - b) Outline the process of establishing an FFS for a local poultry farming group that has been funded by the County Government in your local community. **(10 marks)**

7. For agriculture extension to be effective in addressing farming and food security there is need to understand social issues such as the social nature of farming and the social nature of technology adoption.
 - a) State and briefly explain four social principles of agricultural extension. **(10 Marks)**
 - b) State and briefly explain four reasons why a farmer would not choose to adopt a technology. **(10 Marks)**

8. Extension methods comprise the communication techniques between extension workers and target groups. Discuss four aspects that influence the choice of any extension methods. **(14 Marks)**
 - b). Give four reasons why and extension agent may opt to use multiple methods/approaches in disseminating extension messages. **(6 Marks)**

