

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

FOURTH YEAR SECOND SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN FOOD SECURITY

2019/2020 ACADEMIC YEAR

REGULAR

COURSE CODE: AFB 3423

COURSE TITLE: Extension Methods and Community Outreach

EXAM VENUE: STREAM: BSc. Food Security

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. Categorize adopters based on their characteristics.

[5 Marks]

2. State and briefly discuss four key principles of extension.

[5 Marks]

- 3. Discuss four disadvantages of print media in conveying extension messages in rural farming communities. [6 Marks]
- 4. Briefly explain four aspects that influence the selection of any agricultural extension methods. [8 Marks]
- 5. Explain why the TOT model of extension is no longer considered an appropriate approach in extension service. [6 Marks]

SECTION B [40 MARKS]

Answer Any Two Questions from this Section

- 6. a). As an extensionist, you have been approached by the Director INSEFOOD Project at JOOUST to assist an international Post Graduate student in establishing an FFS for a women group raising Crickets in your local community. Describe the steps in establishing an FFS to assist the student achieve her objectives. [15 marks]
 - b). Explain briefly the main theory of learning used in Farmer Field School. [5 Marks]
- 7. a). Discuss the rationale for public involvement and participation in community agricultural development projects. [12 Marks]
 - b). Explain four reasons why an extension agent may choose to use a mix of methods in disseminating extension messages. [8 Marks]
- 8. a). Using relevant and specific examples, explain why private extension service is being promoted by the Kenyan government. [10 Marks]
 - b). On your new posting to Klinding' Ward, you noticed that an Innovation with 'presumed' good attributes is not adopted by majority of farmers. In your opinion, what could have caused this?

 [10 Marks]