



**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 AGRICULTURAL EDUCATION AND  
EXTENSION**

**2023/2024 ACADEMIC YEAR**

**SIAYA CAMPUS**

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**COURSE CODE: AEB: 3202**

**STREAM: BSc. AGED**

**COURSE TITLE: Extension Approaches and Methods**

**Exam: Venue**

**Date:**

**Exam Session:**

**TIME:**

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**Instructions:**

- 1. Answer ALL the Questions in section A and any TWO in section B.**
- 2. Answers to Questions must be written in the Answer Booklets**
- 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. Briefly explain your understanding of the term agricultural extension. [6 marks]
2. Identify and explain any three challenges impacting on agricultural extension in Kenya. [6 marks]
3. Briefly discuss any three main strengths of carrying out demonstrations in extension teaching. [6 marks]
4. Discuss any five undesirable features of print media as an extension method. [6 marks]
5. Explain why an extension agent may choose to combine different extension approaches and methods in delivering extension messages? [6 marks]

**SECTION B: [40 MARKS]**

**Answer any TWO Questions from this Section.**

1. a). As an extensionist, you have been approached by the Dean School of Agricultural and Food Sciences (SAFS) to assist an international Post Graduate student in establishing an FFS for a youth group raising Black Soldier Fly (BSF) in your Ward.  
a). Briefly explain the learning theory used in FFS. [2 marks]  
b). Describe the steps in establishing an FFS using group approach to assist the student achieve her objectives. [18 marks]
2. Explain why farmer groups are considered important avenues for promoting agricultural extension services in Kenya. [20 marks]
3. With relevant examples, discuss the aspects influencing the choice of any extension method or approach. [20 marks]
4. Discuss the advantages of Information Communication Technology (ICT) in agricultural extension. Give appropriate examples. [20 Marks]