



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF AGRICULTURAL AND FOOD SCIENCES**  
**THIRD YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE**  
**OF BACHELOR OF SCIENCE OF AGRICULTURAL EXTENSION & EDUCATION**  
**2022/2023 ACADEMIC YEAR**  
**REGULAR**

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**COURSE CODE: AAE 3224**

**COURSE TITLE: Special Methods of Teaching Agriculture**

**EXAM VENUE:**

**STREAM: BSc. AGED**

**DATE:**

**EXAM SESSION:**

**TIME: 3 HOURS**

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**Instructions:**

- 1. Answer question ONE and ANY other 2 Questions**
- 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)

### Question One

- I. Explain the main reasons why Agricultural Education was introduced in Secondary Schools. **(4 Marks)**
- II. For Agriculture to be taught practically in the secondary schools what were the four major requirements which were provided for the pioneer schools by the Government. **(4 Marks)**
- III. Identify the domains of learning and state the importance of each. **(6 Marks)**
- IV. Explain the major branches of Agriculture. **(8 Marks)**
- V. Differentiate between Evaluation and Assessment of learners. **(8 Marks)**

## SECTION B (40 MARKS)

### Question Two

Discuss the methods for effectively teaching theory and practical lessons in Agriculture

Question Three **(20 Marks)**

- I. Identify the professional documents a teacher must have. **(4 Marks)**
- II. Given the sub topic, crop rotation, formulate **three (3)** instructional objectives and prepare a lesson plan. **(16 Marks)**

### Question Four

- I. State the components of an agriculture syllabus **(4 Marks)**
- II. Given the topic Crop production 1, sub- topic land preparation, and content: importance of land preparation, various types of cultivation and preparation of land ready for crop production. Prepare a scheme of work for one week, identifying the various sections of a scheme of work **(16 Marks)**

### Question Five (20 Marks)

- I. Explain the importance of objectives in the teaching of Agriculture. **(4 Marks)**
- II. What is the relationship between instructional objectives, specific topical objectives, general objectives of secondary agriculture and national goals of Education? **(8 Marks)**
- III. Discuss trends in Agricultural Education under the following sub headings:
  - Factors that contributed to positive impact of Agricultural Education
  - Agricultural Education and Food Security

**(8 Marks)**