



**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 AGRICULTURAL
EXTENTION EDUCATION**

2016/2017 ACADEMIC YEAR

REGULAR

COURSE CODE: AEE 3221

COURSE TITLE: SUBJECT METHODS IN AGRICULTURE

EXAM VENUE:

**STREAM: BSc. (Agricultural Extension
Education)**

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.**

i.

SECTION A [30 MARKS]

Answer ALL questions from this Section.

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QUESTION 1

- a) Explain the relationship between the following terms
 - i. Educational goals
 - ii. Subject objectives
 - iii. Level objectives (6 marks)

- b) Explain any five goals of Agricultural education goals in Kenya (10 marks)
- c) Explain five reasons why Agriculture should be taught in secondary schools in Kenya (10 marks)
- d) List four sources of agricultural information (4 marks)

SECTION B [40 MARKS]

Answer ANY TWO questions from this Section.

QUESTION TWO

Using a topic of your choice in agriculture, plan a forty minutes lesson using a greenhouse as a teaching and learning resource (20 marks)

QUESTION THREE

Explain factors to consider for choosing a training strategy for farmers (20 marks)

QUESTION FOUR

Discuss how you can use an operational school farm effectively to reinforce teaching and learning agriculture in schools (20 marks)

QUESTION FIVE

Using demonstration as a teaching method in agriculture, explain the techniques involved (10marks)

- b) Prepare a one day programme for an agricultural workshop