



**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**

2019/2020 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.

QUESTION 1

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

- b) Identify and explain three types of evaluation in Agricultural Education (6 marks)
- c) Explain how a teacher can use field trip as a learning activity in teaching agriculture (10 marks)
- d) State five reasons why Agriculture should be taught in secondary schools in Kenya (5 marks)
- e) List three sources of agricultural information (3 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 (20 marks)

QUESTION THREE

Discuss any five goals of agricultural education (20 marks)

QUESTION FOUR

- a) Discuss how you can use an operational school farm effectively to reinforce teaching and learning agriculture in schools (10 marks)
- b) Explain five factors to consider when you want to setup a green house project work in your station (10marks)

QUESTION FIVE

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

- b) Prepare a one day programme for an agricultural workshop (10 marks)