



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURAL
EDUCATION AND EXTENSION WITH INFORMATION
TECHNOLOGY**

MAIN CAMPUS

AED 301: METHODS OF TEACHING AGRICULTURE

Date: 8th June, 2017

Time: 8.30 - 11.30 am

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.

AED 301 – METHODS OF TEACHING AGRICULTURE

STREAMS: Y3S2 BSc Agricultural education and extension with IT
DAY:

TIME: 3 HOURS

Instructions:

Answer Question **ONE** and any other **TWO**

Carefully read and follow the instructions contained on the answer booklets

1. (a) What is agricultural education (3 marks)
(b) The purpose of teaching agricultural education is to provide students with the personal academic and career experiences essential for success in the fields of agriculture and allied professions. Describe **seven** important educational objectives of agricultural education and training (15 marks)
(c) The challenges of teaching agriculture can be categorized into Institutional and non-institutional. Enlist the institutional challenges and discuss **one** in detail (12 marks)

 2. Listening is a complex process, but with this knowledge and practice we all have the ability to become more effective listeners. Show clearly what an effective listener (student) does in order to be actively engaged in the listening process. (20 marks)

 3. (a) Define the following terms: (10 marks)
 - (i) Discovery learning
 - (ii) Problem-Based Learning
 - (iii) Co-operative learning Computer-Assisted Instructions (CAI)
 - (iv) Course outline
 - (v) Lesson plan

 - (b) What is distance education/learning? Describe **four** major benefits and limitation of distance learning in the delivery of course materials to students (10 marks)
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4. (a) Distinguish between teacher-centered and learner-centered education approaches. **(4 marks)**
- (b) Discuss one type (each) of teacher-centered and learner-centered method in details **(16 marks)**
5. Describe the internet showing its salient characteristics. In what **five** ways can schools benefit through internet connectivity **(20 marks)**