



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2013/2014

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF SCIENCE IN HORTICULTURE WITH
INFORMATION TECHNOLOGY**

(E- CAMPUS)

AAG 101: INTRODUCTION TO AGRICULTURE IN KENYA

Date: 29th November, 2013

Time: 8.30 -10.30am

INSTRUCTIONS:

- Answer ALL questions in Section A and any other TWO questions from section B.

INSTRUCTIONS: Answer **ALL** questions in section A and any other **TWO** questions from section B.

SECTION A (40 MARKS)

Q1.(a) Land tenure systems can adversely affect agricultural development.

Comment on this statement (5 marks)

(b) The post-independent agricultural policies involved government controls in the production and marketing of agricultural commodities. Discuss the contribution of liberalization in the production and marketing of agricultural commodities to the development of agriculture in Kenya (5 mark)

Q2.(a) Technological development is a prerequisite to improved agricultural production. Discuss this statement with reference to pre-historic agriculture (5 marks)

(b) You have been hired by Makueni County as a consultant in agricultural development; prepare a brief proposal on the approaches the County government should adopt to improve the production of food crops (10 marks)

- Q3. (a)** Discuss the effects of altitude on crop production (5 marks)
- (b)** Discuss the relevance of the Kenya Agricultural Research Institute (KARI) and public universities to agricultural development in Kenya (6 marks)
- (c)** Discuss the relevance of Kenya Plant Health Inspectorate Services (KEPHIS) to the international marketing of horticultural produce (4 marks)

SECTION B (30 MARKS)

- Q4.** Discuss the contribution of agriculture to the attainment of the United Nations' Millenium Development Goals (15 marks)
- Q5.** Vision 2030 has identified agriculture as one of the sectors to deliver the 10% annual growth rate it envisages. Discuss the major challenges and constraints to the agricultural sector development (15 marks)
- Q6.** Discuss some of the opportunities and advantages that exist in Kenya which can be exploited to build a robust and dynamic agricultural sector (15 marks)