



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

SECOND SEMESTER EXAMINATIONS 2013/2014

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF SCIENCE IN AGRIBUSINESS MANAGEMENT

AEB 108: AGRICULTURAL DEVELOPMENT

DATE: APRIL 7, 2014

TIME: 8.30 - 10.30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

- a) Outline the three main objectives of development according to Michael Todaro (3 marks)
- b) State four functions of agriculture in development (4 marks)
- c) Briefly explain why agricultural development continues to be slow in Africa compared to central Asia and Europe (5 marks)
- d) Briefly explain the theory of induced innovation in agricultural development (3 marks)
- e) Explain any five principle causes of hunger and famine in Africa (5 marks)
- f) Describe four main effects of structural adjustment programmes on agricultural development in Africa (4 marks)

- g) Briefly discuss three major factors affecting change in agricultural systems in Kenya
(6 marks)

QUESTION TWO

- a) Women assume major responsibilities in agriculture in developing countries. What are some of the constraints to improving women's productivity in agriculture and how might these constraints be overcome? (10 marks)
- b) Briefly discuss five main potential policy responses to the challenges of Africa's agricultural development (10 marks)

QUESTION THREE

There is a close linkage between the environment and agricultural development.

- a) Explain any five reasons why poor countries are particularly vulnerable to environmental degradation? (10 marks)
- b) Discuss any five potential solutions to natural resource problems arising from agriculture (10 marks)

QUESTION FOUR

Over the past decade, agricultural biotechnologies such as genetically modified organisms have attracted significant debate around their safety.

- a) Explain why some people feel that genetically modified organisms (GMOs) are risky technologies from (i) an environmental standpoint and (ii) an economic perspective? (10 marks)
- b) Explain why the benefits of these technologies might outweigh their risks, both from environmental and economic perspectives? (10 marks)

(Be sure to answer all the parts of this question)

QUESTION FIVE

In recent decades, 'free' or unrestricted trade has been promoted as a 'solution' to underdevelopment.

- a) Explain why countries engage in international agricultural trade? (8 marks)
- b) Discuss any four reasons why some governments restrict international agricultural trade

(12 marks)

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