



# **UNIVERSITY OF EMBU**

**2016/2017 ACADEMIC YEAR**

**SECOND SEMESTER EXAMINATION**

**FIRST YEAR EXAMINATION FOR THE DEGREES OF BACHELOR OF SCIENCE IN  
AGRIBUSINESS MANAGEMENT**

**AEB 108: AGRICULTURAL DEVELOPMENT**

**DATE: APRIL 7, 2017**

**TIME: 11:00AM-1.00PM**

**INSTRUCTIONS:**

**Answer Question ONE and ANY other TWO Questions**

**QUESTION ONE: (30 MARKS)**

- a) Explain how the model of development as 'distributive justice' might apply to agricultural development ( 4 marks)
- b) What is the role of agriculture in economic growth and poverty reduction in a developing country such as Kenya ( 3 marks)
- c) Briefly explain the interpretation of development as "modernization" (3 marks)
- d) Define the term 'push factors' in agricultural development? Explain any four causes of 'push factors' in agriculture in Kenya (5 marks)
- e) Briefly discuss the causes of underdevelopment in Africa? (5 marks)
- f) Explain the characteristics of sustainable development in agriculture in Kenya (5 marks)
- g) Describe the challenges affecting smallholders' farmers shift from subsistence to commercial agriculture (5 marks)

**QUESTION TWO:**

- a) Explain the determinants of population growth in developing countries (10 marks)
- b) Discuss how Biological and Chemical Technology substitutes industrial inputs for land as expressed in the Induced innovation Model (10 marks)

**QUESTION THREE:**

- a) Explain any five consequences of increasing population growth on agricultural development (10 marks)
- b) Briefly explain any five policies that reduce rural to urban migration (10 marks)

**QUESTION FOUR:**

- a) Major responsibilities in farming in developing countries are undertaken by women. What are some of the constraints to improving women's productivity in agriculture and how might these constraints be overcome? (10 marks)
- b) Explain the possible solutions to natural resource problems caused by agriculture (10 marks)

**QUESTION FIVE:**

- a) Discuss any five likely effects of global warming on African agriculture (10 marks)
- b) Explain the causes of hunger and famine in developing countries (10 marks)

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