



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (CROP IMPROVEMENT AND PROTECTION)

KST 213: URBAN AND PERI-URBAN AGRICULTURE

DATE: Wednesday 6th April 2011

TIME: 8.00a.m -10.00a.m

INSTRUCTIONS:

Answer ALL questions in Section A and ANY TWO questions in section B.

SECTION A: Short Answer questions.

ANSWER ALL QUESTIONS

1. Define the following:
 - a) Urban agriculture
 - b) Peri-urban agriculture
2. Describe horticultural products consumption trends in urban areas. [5marks]
3. “Horticulture is the main means of utilization of the empty spaces in the residential areas of the city of Nairobi.” Discuss this in respect to current trends.
[5marks]
4. Describe the linkages between peri-urban horticultural produce consumption and urban horticulture production. [5marks]
5. Identify the main avenues in the city for farmers’ markets value addition and international networking. [5marks]
6. Demonstrate the role of horticultural parks and flower gardens in municipal income generation. [5marks]

7. Briefly describe the main features of competition for land in urban and peri-urban Kenya. [5marks]
8. Differentiate between intra-urban and peri-urban agriculture. [5marks]

SECTION B:

INSTRUCTIONS: Answer any 2 of the 4 questions

9. Discuss the main dimensions of urban Agriculture as it related to the following: [15marks]
- i) Economic activities
 - ii) Location of the town or city
 - iii) Areas of specific production enterprises
 - iv) Scale of production
 - v) Destination
10. Write notes on the role of urban agriculture with respect to the following: [15marks]
- i) Rural agriculture
 - ii) Sustainable urban Development
 - iii) Urban food security
 - iv) Urban survival strategies
 - v) Urban Land Management
11. Discuss the following statement: “The principle of agricultural integration into the urban ecosystem enables us to recognize three types of situations with regard to the degree to which urban farming is integrated into the city’s organization”. [15marks]
12. Discuss Agricultural marketing of various fresh horticultural products in the city of Nairobi with respect to research you have undertaken in the neighbourhood of Kenyatta University. [15marks]