



EMBU UNIVERSITY COLLEGE

(A Constituent College of the University of Nairobi)

2015/2016 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

**SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
(MANAGEMENT OF AGROECOSYSTEMS AND ENVIRONMENT)**

AEM 204: ORGANIC FARMING

DATE: APRIL 6, 2016

TIME: 02:00-04:00

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions

QUESTION ONE

- a) Outline the advantages of organic fertilizers. (5 Marks)
- b) State the benefits of Genetically Modified foods . (5 Marks)
- c) Explain the use of tomato as a biopesticide. (5 Marks)
- d) Outline the procedure of preparing liquid manure. (5 Marks)
- e) Describe the guidelines for organic wild products. (5 Marks)
- f) Discuss the guidelines in the IFOAM standards that promote social justice. (5 Marks)

QUESTION TWO

- a) Discuss the principles of organic farming. (12 Marks)
- b) Explain how organic farming contributes to reduced methane emission. (8 Marks)

QUESTION THREE

- a) Explain the use of cover crops in organic farming. (9 Marks)
- b) Describe the pest control techniques in organic farming. (11 Marks)

QUESTION FOUR

- a) Explain the requirements of organic farming to a farmer. (8 Marks)
- b) Describe the organic livestock living conditions. (12 Marks)

QUESTION FIVE

Explain how organic farming can help achieve the sustainable development goals.

(20 Marks)

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