



2ND SEMESTER 2017/18

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE YEAR 1 AND 4

COURSE CODE: HRT102/HORT 405

TITLE OF PAPER: ORGANIC FARMING

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

DO NOT OPEN UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS**Question 1**

- a) Discuss certification requirements that every organic farmer has to fulfill in order to be certified an organic farmer.

[25 marks]

Question 2

- a) What are the key characteristics of organic farming? [7]
b) Discuss the foundations of bio-dynamic farming. [8]
c) What are the benefits of organic agriculture? [10]

[25 marks]

Question 3

- a) Discuss the different types of soil cultivation practices that can be implemented in organic agriculture. [10]
b) Discuss how to work-out green manures into the soil? [10]
c) Discuss mulching and its benefits. [5]

[25 marks]

Question 4

- a) Describe the procedure in setting up a compost heap. [15]
b) Discuss the biological control of pests and diseases. [10]

[25 marks]

Question 5

- a) Discuss an organic farm based on its economic performance. [15]
b) With the aid of examples discuss a detailed crop rotation. [10]

[25 marks]