



2<sup>ND</sup> SEMESTER 2018/2019

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UNIVERSITY OF ESWATINI  
FINAL EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE 1&4

COURSE CODE: HRT102/HORT 405

TITLE OF PAPER: ORGANIC FARMING

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

DO NOT OPEN UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

**INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS**

**Question 1**

Discuss green manures and cover crops.

**marks]**

**[25**

**Question 2**

- a) Define organic farming? [5]
- b) What is the basic concept of organic farming? [5]
- c) What are the options in organic farming? [10]
- d) What are the major sources of organic fertilisers? [5]

**marks]**

**[25**

**Question 3**

- a) Discuss the details of crop production for conversion to organic systems? [15]
- b) What are the latent needs of organic farming for vegetable crops? [10]

**marks]**

**[25**

**Question 4**

Discuss associating crops and crop rotation.

**[25 marks]**

**Question 5**

- a) As an extension officer, how can you advise a farmer on selecting the primary materials for composting and setting up a compost-heap? [20]

Discuss ways of treating seeds without the use of chemical fungicides? [5]

[25 marks]