



2ND SEMESTER 2018/2019

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UNIVERSITY OF ESWATINI

FINAL EXAMINATION PAPER

PROGRAMME:

BACHELOR OF SCIENCE IN HORTICULTURE 4

COURSE CODE:

HRT406/HORT 407

TITLE OF PAPER:

HYDROPONICS

TIME ALLOWED:

TWO (2) HOURS

INSTRUCTION:

ANSWER ANY FOUR (4) QUESTIONS

**DO NOT OPEN
INVIGILATOR**

UNTIL PERMISSION HAS BEEN GRANTED BY THE

Question 4

Discuss hydroponics production of lettuce in a large scale.

[25 marks]

Question 5

How can you control physical conditions in hydroponics production?

marks]

[25

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

Question 1

- a) What are the factors to consider before choosing a site for hydroponics production? [20]
- b) Name five requirements for commercial hydroponics production unit. [5]

[25 marks]

Question 2

- a) Discuss the facilities required in hydroponics. [20]
- b) With the aid of examples, differentiate between the types of media that can be used in hydroponics production system. [5]

[25 marks]

Question 3

Discuss the open system of hydroponics.

[25 marks]