



1ST SEMESTER 2019/2020

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UNIVERSITY OF ESWATINI

FINAL EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE YEAR
1**

COURSE CODE: HRT101

TITLE OF PAPER: PRINCIPLES OF HORTICULTURE

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

a) As an extension officer, what advice can you give a farmer who wants to venture into commercial vegetable production? [10]

b) Discuss these terms:

- i. Pomology [2]
- ii. Olericulture [2]
- iii. Floriculture [2]
- iv. Viticulture [2]
- v. Horticulture [2]

c) What is the importance of horticulture in the national economy? [5]

[25]

Question 2

a) What are the factors that affect variety/cultivar selection for horticultural crops?

[25]

Question 3

a) Why is the classification of plants according to nomenclature important? [5]

b) What is the importance of a nursery? [5]

c) Discuss the physiology of fruit formation. [15]

[25]

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Question 4

a) What are the light management strategies in cut-flower production? [20]

b) What are the uses of organic matter? [5]

[25]

Question 5

a) Discuss crop rotation. [15]

b) What are the aims of organic farming? [10]

[25]