



2ND SEMESTER 2017/18

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE YEAR 4

COURSE CODE: HORT 409

TITLE OF PAPER: POST-HARVEST PHYSIOLOGY OF HORTICULTURAL CROPS

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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Question 1

- a) Describe the classification of postharvest losses. [6]
- b) In correct order, list the flow chart of post-harvest operation of cut-flowers. [10]
- c) With the aid of examples, describe the benefits of packaging. [9]

[25 marks]

Question 2

Discuss the biological factors affecting quality of horticultural produce.

[25 marks]

Question 3

With the aid of examples, discuss five (5) pre-harvest factors affecting post-harvest quality of horticultural produce.

[25 marks]

Question 4

Discuss the methods that can be applied in processing of fruits and vegetables.

[25 marks]

Question 5

Discuss the basic types of flower care products.

[25 marks]