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EASTERN UNIVERSITY, SRI LANKA  
FOURTH YEAR FIRST SEMESTER SPECIAL DEGREE EXAMINATION IN SCIENCE-2004/2005  
BT 405- POSTHARVEST TECHNOLOGY  
END SEMESTER EXAMINATION

Time : 2 hours.

This paper should be answered in English

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1. Discuss the following:-

- i) Status of Postharvest Handling of Fruits and Vegetables in Sri Lanka. (50 marks)
- ii) Role of Packaging in Postharvest Technology. (50 marks)

2. i) Write an account on "Postharvest Diseases of Fruits and Vegetables". (50 marks)

- ii) Distinguish between *Controlled Atmospheric Storage* and *Modified Atmospheric Storage*. (50 marks)

3. Describe the importance of following in postharvest technology of fruits and vegetables:-

- i) Maturity Indices. (25 marks)
- ii) Pre-Treatments. (25 marks)
- iii) Quality Evaluation. (25 marks)
- iv) Cool Chain Management. (25 marks)

4. Write short notes on the following:-

- i) Ethylene Pathway. (25 marks)
- ii) Minimal Processing of Fruits and Vegetables. (25 marks)
- iii) Climacteric and Non-Climacteric Fruits. (25 marks)
- iv) Postharvest Management of Cut Flowers. (25 marks)

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