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The Open University of Sri Lanka
Faculty of Engineering Technology

Technology (Engineering) Programme of Study
Final Examination – 2009
AEX 5231 Postharvest Technology II

Date : 27/03/2010
Time : 14.00-17.00 hours
Duration: Three (03) hours

Registration No:.....

Index No:.....

SECTION 2: Answer any four questions.

1. Describe in detail the significance of ethylene in plant biology.
2. Describe the main causes of postharvest diseases and disorders, and how they may be minimised.
3. Write short notes on three of the following:
 - a) Damage to produce due to water loss
 - b) Factors affecting storage life of fruits and vegetables
 - c) Cooling a fruit and vegetable storage
 - d) Cleaning of produce
4. Describe in detail the construction of a fruit store for long term storage.
5. What are the common micro-organisms that cause food spoilage and how may they be controlled?
6. Describe vacuum packaging, controlled atmosphere packaging and gas flush packaging and compare their advantages and disadvantages.