



The Open University of Sri Lanka
Faculty of Engineering Technology

Technology (Engineering) Programme of Study
Final Examination – 2008
AEX 5231 Post-harvest Technology II

040

Date : 03-04-2009

Time : 0930-1230

Duration: Three (03) hours

Registration No:.....

Index No:.....

SECTION 2: Answer any four questions.

1. Describe in detail the factors that affect storage life of fruits and vegetables and discuss procedures that may be adopted to prolong storage life.
2. Describe post harvest diseases and disorders, their effects on produce, and how they may be minimised.
3. Write short notes on three of the following:
 - a) Insect control
 - b) Waste management through packaging
 - c) Ventilation in fruit and vegetable storage
 - d) Size reduction of produce
4. Describe three methods of cooling fresh produce and discuss their advantages and disadvantages.
5. Discuss what is meant by the term “food safety” and describe the methods of ensuring that food is safe for consumption.
6. Name three methods of packaging fruits for export and describe any one of them in detail.