



The Open University of Sri Lanka
Faculty of Engineering Technology
Bachelor of Technology

Final Examination- 2012/2013

AEX5231 Post Harvest Technology II

Date : 17.08.2013
Time : 09.30am-12.30pm
Duration : Three (03) hours

SECTION 2: Answer any four (04) questions.

1. a). Classify the diseases & disorders of fruits & vegetables.
b). Briefly discuss common physiological disorders that affect post harvest quality of fresh fruits & vegetables.
2. Insects are one of the most important causes of post harvest loss of fruits and vegetables. Briefly discuss the various forms of insects control treatments that should be used to reduce the post harvest losses of fresh produce.
3. The government of Sri Lanka encourages farmers to use plastic crates for the transportation of fruits and vegetables. Briefly discuss the advantages and disadvantages of plastics crates comparing with other methods.

4. Assume that you are working as an agricultural extension officer in Mahaweli Authority of Sri Lanka in Mahalluppallama and you have to conduct a workshop on "handling of harvested fresh fruits and vegetables" to enhance farmer's knowledge. Prepare a training speech on above title to deliver at the workshop.
5. Write down short notes in any three of the following,
- a). Hazard in controlled atmosphere storage
 - b). Quality changes of fruits & vegetables in drying
 - c). Prevention of inoculation of vegetables
 - d). Ventilation of box-stores of fresh produce
6. Discuss in brief general role of micro-organisms in fruits & vegetables spoilage and how they affect the consumers.