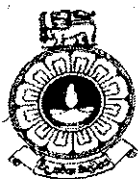


The Open University of Sri Lanka
Faculty of Engineering Technology
Bachelor of Industrial Studies Program

Final Examination- 2011/2012

AEI5244 Post harvest Biology and Technology II



Date : 26.02.2012
Time : 1330-1630
Duration : Three (03) hours

SECTION 2: Answer any four (04) questions.

1.a) Write a brief account on application of postharvest technology to increase the per-capita food consumption of individuals.

b) Write a summary on "Importance of implementing standards for food products".

2. "As a developing country we are step behind in implementing new sophisticated postharvest technologies to food channel". Critically evaluate this statement using suitable examples.

3. Write short notes on any three (03) of following topics.

- a) Application of drying curve in grain storage
- b) Total Quality Management(TQM)
- c) Storage expectations of fresh produces
- d) Climacteric and non-climacteric fruits
- e) Value addition of food products

4."Postharvest disorders are easy to control than postharvest diseases". Critically evaluate this statement using suitable examples.

5. a) As a developing country transportation accounts high cost than other operations in postharvest system in Sri Lanka. Briefly explain the reasons for this situation.

b) Briefly explain the effect of moisture content on safe grain storage.

6. "It is important to reduce the huge losses in fruits and vegetables in our country". Write an essay on that. Your answer should include ways of losses, suggestions to minimize the losses and consequences.