

The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural and Plantation Engineering



Study Programme : Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination : Final Examination
Course Code and Title : AGI3536 Postharvest Biology and Technology 1
Academic Year : 2017/18
Date : 18th January 2019

Section 11

1. (i). What do you mean by postharvest losses.
(ii). Explain any **five (05)** reasons for postharvest losses of fruits and vegetables in Sri Lanka.
2. (i). Briefly explain the structure of a food grain.
(ii). Describe the practices that can be adopted to minimize postharvest losses of food grain.
3. Describe the factors effect on postharvest disease development.
4. Explain the importance of packaging fruits and vegetables.
5. Describe the advantages and disadvantages of following drying methods.
 - i. Sun drying.
 - ii. Mechanical drying.
6. Write short notes on any **two (02)** of the following.
 - i. Nature of perishables and durables.
 - ii. Effect of postharvest losses on a country's economy.
 - iii. Difficulty to adopt postharvest technology in Sri Lanka