

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 : AGI4561 Postharvest Biology and Technology**  
Academic Year : 2019/2020  
Date : 9<sup>th</sup> October 2020

**Section 11**

1. (i). What is meant by postharvest losses?  
(ii). Discuss the deleterious effects of postharvest losses.
2. (i). Name the major stages of postharvest handling chain of fruits and vegetables.  
(ii). Explain the reasons for postharvest losses in any **three (03)** stages that you mentioned above (i).
3. "Proper preharvest management is important in minimizing postharvest losses" Justify the statement giving reasons.
4. Discuss the importance of packaging fruits and vegetables giving suitable examples.
5. Explain the strategies that you can suggest minimizing postharvest losses of fruits and vegetables in Sri Lanka.
6. Write short notes on any **two (02)** of the following
  - (i). Maturity indices of fruits and vegetables.
  - (ii). Physiological processes that cause postharvest losses.
  - (iii). Postharvest diseases.