



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 : 24.02.2022

### Section 11

1. (i). Explain the characteristics features of perishables and durables giving examples.  
(10 marks)
- (ii). Describe the reasons that enhance postharvest losses of fruits and vegetables during the harvesting.  
(15 marks)
2. (i). Explain the deleterious effects of postharvest losses on the economy of a country.  
(10 marks)
- (ii). Describe the measures that can be taken to minimize postharvest losses in fruits and vegetables.  
(15 marks)
3. (i). Explain the infection process of a postharvest disease.  
(10 marks)
- (ii). Discuss the factors effect on postharvest disease development.  
(15 marks)
4. (i). Explain the factors effect on drying rate of fruits and vegetables.  
(10 marks)
- (ii). Describe the advantages and disadvantages of Sun drying of grain.  
(15 marks)

5. (i). Explain the limitations of mechanization of postharvest handling chain in Sri Lanka.

(10 marks)

(ii). Discuss the importance of packaging fruits and vegetables.

(15 marks)

6. Write short notes on any **two (02)** of the following

(i). Importance of preharvest management.

(ii). Maturity indices.

(iii). Postharvest disorders.

(Each section carries 12.5 marks)