



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 : 2021/2022
 Date : 1st March 2023

Section 11

1. (i). What is meant by postharvest loss? (05 marks)
 (ii). Describe the importance of minimization of postharvest losses in Sri Lanka. (20 marks)
2. (i). Explain the physiological processes that cause postharvest losses in fruits and vegetables (10 marks)
 (ii). Describe the measures that can be taken to minimize postharvest losses of fruits and vegetables during harvesting. (15 marks)
3. (i). Differentiate between postharvest diseases from postharvest disorders. (05 marks)
 (ii). Describe the postharvest disease development cycle. (20 marks)
4. (i). Explain the relative advantages and disadvantages of using following packagings for fruits and vegetables
 (a). Plastic crates (b). Gunny (10 marks)
 (ii). Describe the importance of packaging. (15 marks)
5. (i). Explain the advantages of mechanical drying of paddy (15 marks)
 (ii). Describe the limitations of mechanization of postharvest handling of paddy in Sri Lanka. (15 marks)
6. Write short notes on any **two (02)** of the following
 (i). Measures available for the prevention and control of postharvest diseases.
 (ii). Reasons for postharvest disorders.
 (iii). Sun drying of cereal and grain. (Each section carries 12.5 marks)

