



The Open University of Sri Lanka
Faculty of Engineering Technology
Bachelor of Industrial Studies Honours (Agriculture) Programme
Final Examination- 2017
AEI3236 Postharvest Biology and Technology 1

Date: 10.11.2017
Time: 9.30 a.m. – 12.30 p.m.
Duration: Three (03) hours

SECTION 11

- Contains six (06) questions.
 - Answer any four (04) questions.
 - You may spend two (02) hours
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1. Describe, how do preharvest management practices effect on minimizing postharvest losses of paddy production in Sri Lanka.
2. Discuss the importance of packaging of fruits and vegetables.
3. Describe any five (05) maturity indices that can be used to determine the proper stage of maturity for harvest fruits.
4. (i). State the importance of grain storage.
(ii). Describe two (02) methods available for grain drying.
5. (i). Define the term “postharvest losses”.
(ii) How postharvest losses influence on malnutrition among people in a country.
(iii). Explain the practices that can be adopted to minimize postharvest losses of fruits and vegetables during transport.
6. Write short notes on any two (02) of the following.
(i). Postharvest disorders and their control.
(ii). Limitations to adopt postharvest technology in Sri Lanka.
(iii). Minimization of losses in grain during storage.