



The Open University of Sri Lanka
Faculty of Engineering Technology

Diploma/Degree in Technology (Engineering) Programme
Final Examination – 2008/2009
AEX 3233 Postharvest Technology I

Date : 03-04-2009
Time : 0930-1230
Duration: Three (03) hours

026

Registration No:.....

Index No:.....

SECTION 2: Answer any four questions.

1. Discuss the ways in which losses occur during grain storage and how such losses may be minimised.
2. Write short notes on three of the following:
 - (a) The significance of moisture content in grain operations
 - (b) Mode of action of the rubber roll sheller
 - (c) Storage of grain
 - (d) Sorting of grain
3. Describe the “Goviya” process of parboiling paddy and compare with any modern method of parboiling. The modern method you select should be named and described in detail.
4. Discuss the mechanical drying of grain and describe two types of mechanical dryer in detail.
5. Name four types of rice polishing machine and describe any one of them in detail.
6. Describe the processes involved in preparing rice for the market, and how each process influences the quality of rice.