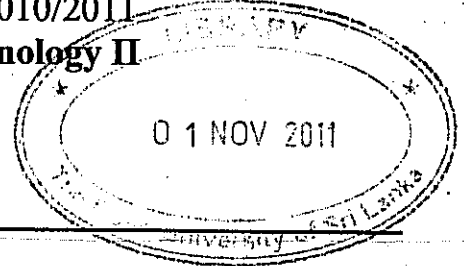




The Open University of Sri Lanka  
Faculty of Engineering Technology

**Technology (Engineering) Programme of Study**  
Final Examination – 2010/2011  
**AEX 5231 Postharvest Technology II**

**Date : 26/03/2011**  
**Time : 1400-1700**  
**Duration: Three (03) hours**



**SECTION 2: Answer any four questions.**

1. Discuss propagation by seed and vegetative propagation in fruit cultivation.
2. Describe in detail the postharvest treatments that may be used for insect control, and the importance of correct harvesting practices.
3. Write short notes on three of the following:
  - a) Hypobaric storage
  - b) Freeze drying
  - c) Colour sorting
  - d) The effect of size reduction on foods.
4. Describe different methods of packaging fruits and vegetables, and discuss their advantages and disadvantages.
5. Describe in detail the essential factors to be considered in designing a fruit storage.
6. Discuss how handling and storage affect microbial activity in fruits and vegetables.