

EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR, SECOND SEMESTER EXAMINATION IN AGRICULTURE – 2009/2010

ACH 3202 – Value Addition Techniques and Nutritional Survey (1: 00/30)

Answer all the Questions

Time: 1 hour



- 1)
 - a) Briefly explain the importance of “Value Addition” with regard to new food product development.
 - b) Draw a detailed flowchart for the manufacturing process of the following food products;
 - i) Puffed Rice
 - ii) Corned Beef
 - c) Write a brief account on the use of “Pulsed Electric Field Food Processing” as new and emerging technologies in food preservation.
- 2)
 - a) Explain the relationship between the nutrient intake and the development of obesity and illustrate a meal plan for the obese patient.
 - b) You have been requested to conduct a nutritional survey to study the distribution pattern of cardiovascular diseases in the Batticaloa District. The survey must be carried out to assess the nutritional status of patients having these diseases in a particular town.
 - i) Design a questionnaire based on the above information. (It should include all necessary details related to the above survey).
 - ii) Briefly outline the constraints that you expect in the above survey and recommend possible solutions for those problems.
