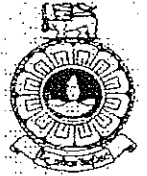


The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Agricultural & Plantation Engineering



Study Programme : Bachelor of Industrial Studies Honors
Name of the Examination : Final Examination
Course code and Title : **AGX5376 Crop Processing**
Academic year : 2020/2021
Date : 22 January 2022
Time : 0930 -1230 hrs
Duration : **3 hours**

Registration Number Index Number.....

Instructions

1. Contain SIX (06) essay type questions. You are required to answer **ONLY FOUR (04) questions**. You may spend about **two hours** to answer the questions in this section. Answer for each question should commence from a new page.
2. Read the questions carefully before answering.
3. **Please note that you should write your registration number and index number in the space provided above. Do not write your name.**

SECTION 2

1.
 - a. Discuss the importance of crop processing. (10 mark)
 - b. Briefly describe the procedure of preparing the raw materials. (15 mark)

2.
 - a. Describe the importance of tea industry in Sri Lanka. (5 mark)
 - b. Briefly describe the manufacturing process of tea. (20 mark)

3.
 - a. Discuss the different methods that can be adapted to minimize the discolouration of crepe rubber. (10 mark)
 - b. Discuss the procedure of centrifuge latex production. (15 mark)

4. Discuss the contribution of Pepper and Cardamom to Sri Lankan economic sector. (25 mark)

5.
 - a. Discuss the uses of sugar. (10 marks).
 - b. Briefly describe the potential to improve the sugar cane industry in Sri Lanka. (15 mark)

6. Write short note on following. (25 mark)
 - a. Importance of implementing standards grades for processed foods.
 - b. Coconut vinegar production.
 - c. Short term preservatives (Anti coagulants) used in rubber production.