

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



Study Programme	:Bachelor of Industrial Studies Honours in Agriculture
Name of the Examination	:Final Examination
Course Code and Title	:AGX6387 Plantation Crop Technology
Academic Year	:2020/2021
Date	:21 st January 2022
Time	:9.30-12.30 hrs

SECTION II: Answer any four (04) questions

- (1) (a) What is meant by soil rehabilitation?
(b) Briefly outline the most common practices that can be used in commercial plantations to regenerate the soil fertility.
- (2) (a) What are the advantages of using clones in plantation crop production?
(b) Briefly discuss the factors that need to be considered when selecting clones for commercial cultivation.
- (3) (a) What are the yield management techniques in Tea Plantations?
(b) Briefly outline the current problems in tea industry in Sri Lanka.
- (4)(a) What is meant by Stimulation of Latex Flow in *Hevea*?
(b) Briefly discuss the major issues related to the current tapping systems in Sri Lanka.
- (5) (a) What are the three (03) main coconut seed gardens in Sri Lanka?
(b) Write a short essay on the soil moisture conservation techniques in Coconut Plantations.
- (6) Write short notes on any two (02) of the following
 - i. Rain Guard Technology
 - ii. Coconut based intercropping systems
 - iii. Advantages of breeding and selection of plantation crops

