

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



Study Programme	: Bachelor of Industrial Studies Honors (Agriculture)
Name of the Examination	: Final Examination
Course Code and Title	: AGI3450/ AGI3535/ AEI3235 Land and Soil Tillage Management
Academic Year	: 2019/2020
Date	: 25 September 2020
Time	: 0930-1230 hrs
Duration	: 3 hours

Registration No:

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. Relevant charts/ codes are provided wherever necessary.
3. Read the questions carefully before answering.
4. Please note that you should write your registration number in the space provided above. Do not write your name.

SECTION 2

1. Describe different types of soil flora and importance of them.
2. What are the different soil management practices used in agriculture? Describe **four (04)** practices among them.
3. Describe how soil salinity impact on plant growth.
4. Describe **four (04)** different causes of soil compaction.
5. Describe advantages and disadvantages of transplanting of crops.
6. Describe **two (02)** different tillage patterns using suitable diagrams.