

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



Study Programme : Bachelor of Industrial Studies Honours (Agriculture)
Name of the Examination: Final Examination
Course Code and Title : AGI4362 Environmental Agriculture
Academic Year : 2019/2020
Date : 26th July 2020

Section 11

1. Discuss the impact of climate change on agriculture giving special attention to Sri Lanka.
2. Explain **any one (01)** of the following biogeochemical cycle.
 - i. Nitrogen cycle.
 - ii. Hydrological cycle.
3. Discuss the beneficial effects of microorganisms on the environment.
4. Explain the effects of pollution on terrestrial and aquatic ecosystems.
5. Discuss the threats to wetlands in Sri Lanka.
6. Write short notes on any **three (03)** of following,
 - i. Organic farming.
 - ii. Farm waste management.
 - iii. Plant microbe interactions.
 - iv. Bio fertilizers.