



Study Programme : Bachelor of Industrial Studies Honours  
(Agriculture)  
Name of the Examination: Final Examination  
**Course code and title : AGI4362 Environmental Agriculture**  
Academic Year : 2023/2024  
Date : 04<sup>th</sup> March 2025

### Section 11

1. (i). Explain the components of ecosystem. (05 marks)  
(ii). Describe **five (05)** Agricultural practices which cause negative impact on ecosystem. (20 marks)
2. (i). Explain the importance of biogeochemical cycles. (05marks)  
(ii). Describe **five (05)** components of water cycle. (20 marks)
3. (i). What is meant by climate change? (05 marks)  
(ii). Describe **five (05)** agricultural practices which intensify climate change. (20 marks)
4. (i). What is meant by environment pollution (05 marks)  
(ii). Describe **five (05)** negative impacts of environment pollution on agriculture. (20 marks)
5. (i). Briefly explain the functions of wetlands. (05 marks)  
(ii). Describe **five (05)** measures that can be adopted to prevent wetland pollution. (20 marks)
6. (i). Briefly explain the importance of sustainable agriculture. (05 marks)  
(ii). Describe **five (05)** measures that can be adopted to achieve sustainability in farming. (20 marks)