

Uganda Martyrs University

Faculty of Agriculture

Final Examination: 2015-2016

Bachelors of Science in Agriculture Year One

Bachelors of Science in Organic Agriculture Year One

Module: AG/03 & OA/02 Sustainable Environment Management

Time: 09:30 am – 12:30 pm

Date: Wednesday 13th July 2016

Instructions:

- Read and understand the questions before answering
- Answer question 1 and any other 3 questions
- Start each answer on a separate answer sheet

1. Renewable resources are those resources that are easily replenished; many biological resources fall into this category. However, when consumption of these resources exceeds the rate at which they are replenished, the resource may be exhausted; explain to the local community the meaning of each of these;
 - a) Resource Replenishment **(8.3 marks)**
 - b) Extinction **(8.3 marks)**
 - c) Reduced Quality **(8.3 marks)**
2. Describe the process of scoping and Impact Screening As carried out in Environmental Impact assessment **(25 marks)**
3. Discuss the significance of social value and option value as used in biodiversity conservation of wild flora **(25 marks)**
4. Explain the major causes of human-wildlife conflicts, suggest the remedial steps that can curb the conflict **(25 marks)**
5. With specific examples, discuss the difference between renewable and non renewable resources **(25 marks)**
6. Discuss the major agriculture and the ecological uses of forest **(25 marks)**
7. What are the cultural and social huddles embedded within our farming systems that we must jump to avoid the environmental tragedy expected from open access to key resources **(25 marks)**
8. Discuss the potential and limitation of green house gases to global environmental protection **(25 marks)**