

# UGANDA MARTYRS UNIVERSITY

FACULTY OF AGRICULTURE

BACHELOR OF AGRICULTURE YEAR ONE

Supplementary / Special Examinations 2015-2016

**Exam: SUSTAINABLE ENVIRONMENT MANAGEMENT**

Time: 10:00am – 01:00pm (3 Hrs)

Date: 11<sup>th</sup> August 2015

**Instructions:**

- i. *Attempt any 4 questions*
  - ii. *Write clearly, number the questions appropriately on the answer booklet*
  - iii. *Read and understand the instructions on the last page of the answer booklet*
  - iv. *Do not write anything on a question paper*
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1. Discuss the ways through which humans have facilitated current environmental concerns.
2. Discuss the extent to which agricultural mechanization influences a sustainable ecological balance
3. Explain ways through which water and forest resources have been exploited by human activity and suggest solutions?
4. What do you understand by the term Environment Impact Assessment (EIA)? Explain the different steps in conducting EIA
5. What are the importances of Geographical Information System (GIS). Give its five sub-systems.
6. Explain the main benefits of maintaining indigenous knowledge in reference to environmental management.
7. Discuss how human activities can undermine a sustainable ecological balance.
8. "Poverty and environment are important aspects for consideration in sustainable environment management", discuss this statement with valid examples.