

UGANDA MARTYRS UNIVERSITY
FACULTY OF AGRICULTURE
Examinations 2013-2014

Bachelor of Science in Agriculture Year 1
Bachelor of Science in Organic Agriculture Year 2

Exam: Sustainable Environment Management and Development

Time: 02:00pm – 05:00pm (3 Hrs)

Date: 02nd July 2014

Instructions:

- i. *Attempt any other four (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*

1. Environment Management, Agricultural Development and Poverty Alleviation are said to be linked. Discuss.
2. Most African Countries have adapted decentralization as a successful strategy for development in various sectors including natural resources management (explain its advantages and short coming?)
3. Land Degradation is a major environmental problem in African Countries. Explain causes and suggest solutions to overcome them.
4. Biodiversity is believed to be helpful to human life. Explain what it is and briefly discuss its values.
5. Explain what you understand when we talk of Environmental Impact Assessment (EIA) and briefly describe the steps in conducting it.
6. The level of Environmental Impact Assessment (EIA) required will vary from project to project but such levels will always include at least one of the three major categories. Mention and explain these three (3) categories giving relevant examples.
7. Geographical Information System (GIS) is becoming very popular among various practical applications.