

UGANDA MARTYRS UNIVERSITY

FACULTY OF AGRICULTURE

Bachelor of Science in Organic Agriculture

Bachelor of Science Agriculture

Year 2 Special and Supplementary Examination: Academic Year 2014/2015
Module OA02 /AG 03: Sustainable Environment Management and Development

September 2015

INSTRUCTIONS:

- *Read and understand the question before answering*
- *Select and answer any **Four Questions***
- *Start each answer on a separate answer sheet*
- *You are allowed **Three Hours** for the examination*
- *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 (DNRM) and mention its advantages and short coming if any?
3. Land Degradation is a major environment problem in African Countries. Explain what this problem is, the underlying causes and suggest how this problem can be overcome/reduced.
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.