

Uganda Martyrs University
Faculty of Agriculture
Final Assessment Year 1: 2012-2013

AG/03 & OA/02: Sustainable Environment Management and Development

Friday 12th July 2013

9:00am-12:00pm

Time: 3hrs

Instructions

- i. All questions carry equal marks
 - ii. Start each question on new page
 - iii. Answer any 4 Questions
 - iv. Do not write anything on the question paper
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1. Explain what you understand by the terms Environmental Management, Agricultural Development and Poverty Alleviation. Describe the relationship/ linkage between them if any
 2. The Government of Uganda is seriously advocating for the strategy of Decentralized Natural Resource Management for successful Sustainable Environmental Management. Explain what this strategy is, how it is implemented and give its advantages and short comings
 3. Agriculture has contributed to disrupting the ecological balance in Uganda. Discuss and prescribe solutions to this problem
 4. State and explain the importance of biodiversity in everyday life
 5. What do you understand by the term Environmental Impact Assessment? Briefly describe the steps in conducting this Environmental Impact Assessment
 6. Explain what a Geographical Information System (GIS) is. Give its importance and its five related sub-systems.
 7. In most African countries, it is believed that incorporating Traditional Indigenous Knowledge in Environmental Management programs is very beneficial. Explain what you understand by "Resource Management based on Traditional Indigenous Knowledge." Mention any advantages and shortcomings if any