

Uganda Martyrs University

Faculty of Agriculture

Final Examination 2021-2022
Bachelors of Science in Ecological Organic Agriculture Year One

Module: BSEOA 1103: Bio-Cultural Diversity

Time: 09:30 am – 12:30 pm Date: Thursday 04th August 2022

Instructions:

- i. Attempt **FOUR Questions**
 - ii. Each question is 25 marks
 - iii. *Do not write anything on the question paper*
 - iv. *One booklet is enough for this exam*
 - v. *Time: Three hours*
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1. Discuss the major Ecological impacts of Sand quarrying in Uganda **(25marks)**
2. In reference to seasonal changes, state and explain how drought occurrences have affected growth of pasture resources in pastoral communities **(25marks)**
3. How does intercropping of maize and coffee affect ecosystems diversity in your country? **(25marks)**
4. Discuss the importance of agro forestry systems in ecosystems functioning **(25marks)**
5. How is waste disposal affecting land productivity and what measures can be taken to repair the damages? **(25marks)**
6. Describe four protected areas in Uganda and explain how they have impacted the micro climate of their surroundings? **(25marks)**
7. Justify the commonly held view that the ecological significance of forests surpasses their commercial uses? **(25marks)**
8. How can agroecology support continued production of feed and food? **(25marks)**