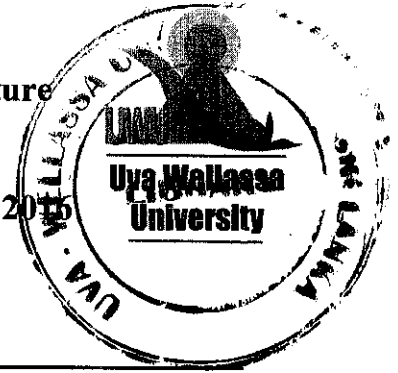


Uva Wellassa University
Faculty of Animal Science and Export Agriculture
BSc in Export Agriculture

End Semester Examination - January/February 2015
Year II Semester II

Crop Ecology (EAG 254-0)



Instructions

Answer only one (01) question
No. of question : Two (02)
No. of pages : One (01)
Time : Thirty minutes
Total marks allocated : 50 %

PART III - ESSAY

Question 01

- a) What is ecological succession? (05 marks)
- b) What is the difference between primary and secondary ecological succession? (10 marks)
- c) Succession occurs in natural ecosystems. As an example, mature forest community is completely destroyed by fire. Using appropriate diagrams, describe the stages of succession by which this community is restored. (35 marks)

Question 02

(50 marks)

Describe the trophic levels in a typical ecosystem. Briefly discuss the flow of energy through the ecosystem, the relationship between the different trophic levels, and the factors that limit the number of trophic levels.