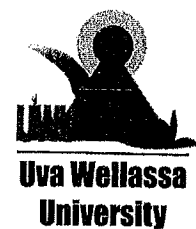


Uva Wellassa University

Faculty of Animal Science and Export Agriculture

BSc in Export Agriculture / Tea Technology and Value Addition

End Semester Examination – August/ September 2014
Year III Semester II



Phytochemistry and Extraction Technology EAG 345-2

Instructions

Answer **any two** questions

No. of questions : Three (03)

No. of pages : One (01)

Time : One (01) hour

Total marks allocated : 50 % --

Index No.

PART II – ESSAY

QUESTION 01

Explain the procedure of alkaloid extraction from a fresh plant material.

(30 marks)

QUESTION 02

Write short notes on following,

- i. Phytotoxicity bioassay for phyto-chemical extracts
- ii. Soxhlet extraction of plant materials

(30 marks)

QUESTION 03

“Glucose is involved in synthesizing all phyto-chemical compounds”. Justify this statement with relevant examples.

(30 marks)