



**Uva Wellassa University**  
**Faculty of Animal Science & Export Agriculture**  
**BSc in Tea Technology and Value Addition**



**End Semester Examination – March/ April 2013**  
**Repeaters only**

**Basic Analytical Chemistry (TEA 233-2)**

**Instructions**

Answer any two questions

No. of questions : Three (03)

No. of pages : One (01)

Time : 01 hour

Total marks allocated : 50 marks

Index No.

**PART II – ESSAY**

**QUESTION 01 (25 marks)**

Discuss the detectors used in UV/Vis spectroscopy

**QUESTION 02 (25 marks)**

Explain how to improve the efficiency of separation in gas chromatography

**QUESTION 03 (25 marks)**

Write short notes on any two of the following

- i. Monochromator in UV/ Vis spectroscopy
- ii. Atomization techniques in atomic absorption spectroscopy
- iii. Auxochromes and Chromophores in UV/Vis spectroscopy