



Uva Wellassa University  
Faculty of Animal Science and Export Agriculture  
B.Sc. in Tea Technology and Value Addition



End Semester Examination June / July 2010  
Year II Semester II

Analytical Chemistry TEA 234-2

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**Instructions**

Answer **all** questions

No. of questions : Two (02)

No. of pages : One (01)

Total marks allocated : 50%

Time : One hour (1hr)

Index No: .....

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**Part II**

**Question 1**

1. Write down short notes on following topics;

- a. Sampling
- b. NMR spectrometry
- c. Emission spectrum

(25 marks)

**Question 2**

1. Compare high-performance liquid chromatography with open-column chromatography in terms of ;

- (a) How the stationary phase is contained
- (b) The force that moves the mobile phase through the stationary phase
- (c) How quantitative analysis takes place once the separation is completed

(25 marks)