Faculty of Medicine, University of Ruhuna Medical Laboratory Science Degree Programme

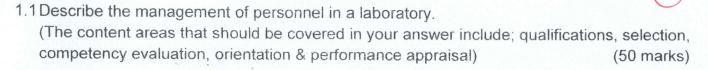
Year end examination Year 3 – September 2013

2nd Batch - Theory - Essay - Laboratory management

Monday 2nd September 2013 Time: 9.00 am. to 11.00 am. (two hours)

Instructions: Answer all four questions. Answer each question in a separate booklet.

1.



1.2 Discuss how you would ensure the quality of laboratory testing in post- analytical phase (50 marks)

2.

2.1 Discuss how you would establish the reference range for a test

(50 marks)

- 2.2 Discuss how you would manage point of care test (POCT) facilities in a hospital setting (50 marks)
- 3. 'Laboratory test costing-scheme takes into consideration the recovery of all expenses encountered in performing the test'.
- 3.1 List the six principal categories under which the test-costing scheme has been based.

(20 marks)

- 3.2 List the **subcategories** under **each relevant** principal categories, which are taken into consideration in computing test-cost. (30 marks)
- 3.3 Laboratory Management Committee has assigned the Laboratory Scientist to verify the prevailing cost for a laboratory test. Describe the theoretical approach that you would adopt to accomplish this assignment. (50 marks)
 - 4. You have decided to invest in establishing your own laboratory and to be self-employed. Explain using the following key words how you would ensure financial management and generation of revenue for self-sustainability.

 (50 marks)

Key words – Cost of Capital, /Break even test volume, / minimum return on investment/ Revenue vs expenditure