



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)

20 FEB 2020

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

1. ①
 - 1.1 Describe the management of personnel in a laboratory.
(The content areas that should be covered in your answer include; qualifications, selection, competency evaluation, orientation & performance appraisal) (50 marks)
 - 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)
100
Key words – Cost of Capital, /Break even test volume, / minimum return on investment/
Revenue vs expenditure