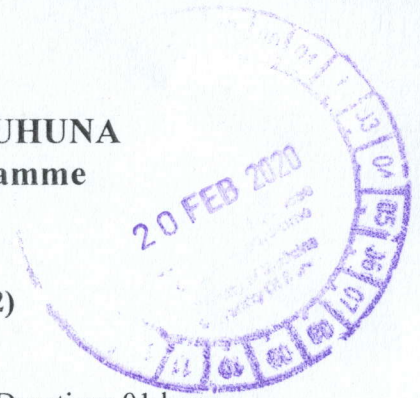




FACULTY OF MEDICINE, UNIVERSITY OF RUHUNA
B.Sc. Medical Laboratory Science Degree Programme
Continuous Assessment – Year 2 Term 2

5th Batch – SEQ - Transfusion Medicine (MLS 2202)



Date: 08th July 2015

Time: 9.30 - 10.30am

Duration: 01 hour

Index Number:.....

Answer all the questions

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1. a. Name different types of blood components used in blood transfusion (20 marks)
b. What are the advantages of using those blood components? (20 marks)
c. Describe three types of blood component mentioned in 1.a (60 marks)

2. a. What is a “massive transfusion”? (20 marks)
b. Discuss the complications which could occur after a massive transfusion (80 marks)

3. Explain the following
a. Permanent Deferrals (25 marks)
b. Post phlebotomy care (25 marks)
c. Forward and Reverse blood grouping (25 marks)
d. Blood donor (25 marks)

4. a. Define the term allo-immunization? (25 marks)
b. Briefly explain why need to care about HLA typing in transfusion. (60 marks)
c. Indicate HLA typing required in following organ transplantation (15 marks)
 - i. Bone marrow
 - ii. Liver
 - iii. Kidney



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

Year End Examination Year 2 -- July 2015
5th Batch - Transfusion Medicine – Theory II ~~(SBRQ)~~
Tuesday 11th August 2015 Time: 9.30 a.m. to 10.30 a.m.



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Write each answer in a separate booklet.

1. Discuss blood group antigens and antibodies and their clinical implications (100).
2. Discuss how you would assure quality of blood products produced in the blood bank (100).