

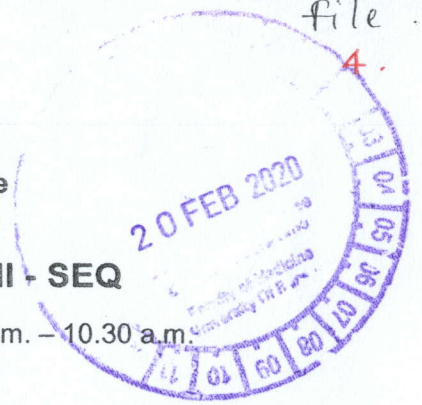


**Faculty of Medicine, University of Ruhuna**  
**BSc Medical Laboratory Science Degree Programme**  
**Year End Examination – Year 2 – 6<sup>th</sup> Batch**

**Transfusion Medicine – Theory II - SEQ**

Friday 6<sup>th</sup> May 2016

9.30 a.m. – 10.30 a.m.



Answer all **Two** questions.

Use separate answer books to answer question 01 and 02.

1 Hour

28

01.

1.1. Explain the errors that occur in the Blood Bank which leads to ABO incompatible transfusion. **(70 marks)**

1.2. What are the tests that should be done in the Blood Bank to investigate haemolytic transfusion reaction? **(30 marks)**

02. "Compatibility test provides conditions suitable for the optimum reactivity of all clinically significant antibodies."

a. Briefly explain the importance of performing Compatibility tests. **(30 marks)**

b. Explain the principle of Coomb's test. **(20 marks)**

c. List the types of Coomb's test and one clinical application for each category. **(20 marks)**

d. Explain one type of Coomb's test method mentioned in c. **(30 marks)**