



Faculty of Medicine, University of Ruhuna
B.Sc. Medical Laboratory Science Degree Programme
Year End Examination – Year 2 – 7th Batch

Transfusion Medicine – Theory II - SEQ

Thursday 16th March 2017

10.00 a.m. – 11.00 a.m.



Answer all questions.

Use separate answer books for question 01 and 02.

Duration: 1 Hour

45

1. Write short notes on following topics;

- 1.1 Antibodies of the ABO and Rh blood group systems. (60 marks)
- 1.2 Delayed Haemolytic Transfusion Reaction (DHTR). (40 marks)

2. A 55 year-old woman who had severe bleeding due to a road traffic accident last week has been reported as having **dilutional thrombocytopenia** due to massive transfusion.

- 2.1. Briefly explain the procedure of preparation and storage of the blood component that can be used as a treatment for this patient. (45 marks)
- 2.2. List three advantages of preparation of blood components. (10 marks)
- 2.3. Name five other types of blood components used in blood transfusion. (15 marks)
- 2.4. Briefly describe two blood components mentioned in 2.3 with regards to
 - 2.4.1. constituents included.
 - 2.4.2. indications (two indications for each).
 - 2.4.3. storage conditions. (30 marks)
