

QP Code: 101108

Reg. No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - May 2017

Paper I – Applied Aspects of Basic Sciences in Relation to Transfusion Medicine

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: (20)

1. Describe role of platelet in haemostasis in detail.

Short essays: (8x10=80)

2. Role of MHC (HLA) in cellular immunology
3. Rh & MNS blood group systems-biochemical properties
4. Haematopoiesis
5. Complement system
6. Plasticizers in blood storage bags
7. Discuss the role of haemoglobin in oxygen transport
8. Red cell membrane
9. Discuss the role of fibrinolysis in normal and abnormal haemostasis
