

QP Code: 101108

Reg. No.:.....

PG Degree Examinations in Transfusion Medicine (MD) April 2018

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*

Essay:

(20)

1. Describe the clinically significant antigen systems and associated phenotypes in transfusion medicine.

Short essays:

(8x10=80)

2. History and developments of transfusion medicine
3. Bombay and Para Bombay phenotype
4. Antibodies - naturally occurring and immune type
5. Discuss the cellular model of coagulation pathway
6. Iron metabolism
7. Define directed and autologous blood donation
8. Describe the role of platelets in haemostasis
9. Hypovolemic shock
