

QP Code:101108

Reg.No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - June 2015

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 the structure and modes of transmission of hepatitis C virus infection. Discuss the principle and merits and demerits of various detection methodologies used for screening HCV infection in transfusion services.

Short essays:

(8x10=80)

2. Complement system
3. Iron transport
4. Screening tests of haemostasis
5. Polymerase chain reaction
6. Pathophysiology of haemorrhagic shock
7. F VIII inhibitors and their significance
8. Platelet storage lesion
9. Normal erythropoiesis and its regulation
