

QP Code:102108

Reg.No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - May 2014

Paper II - Immunohaematology, Immunogenetics and Applied Serology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. A 35 years old patient with AML has received apheresis platelet concentrate for correction of thrombocytopenia. Physician of the patient has noticed no increment in the post transfusion platelet count. How would you investigate and manage this patient.

Short essays: (8x10=80)

2. Molecular basis of partial D
3. Reagent red cell panels
4. Donath Landsteiner antibody
5. Describe electronic cross match and discuss its feasibility in Indian setting
6. Passenger lymphocyte syndrome
7. Resolution of ABO blood group discrepancies
8. Discuss quality essential elements in immunohematology lab
9. HLA and disease association
