

QP Code:104108

Reg.No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - May 2013

Paper IV - Recent Advances & Technology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Discuss the viral inactivation techniques for various blood components and mention their current status for use in transfusion services.

Short essays: (8x10=80)

2. Recombinant coagulation factors
3. Prion disease
4. Platelet substitutes
5. Computer cross-match
6. Cord blood banking
7. Universal red cells
8. Molecular epidemiology of HGV and its significance
9. Principles of flow cytometry and applications in transfusion medicine

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