

QP Code:104108

Reg.No.:.....

PG Degree Examinations in Transfusion Medicine (MD) - June 2016

Paper IV - Recent Advances & Technology

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Discuss bacterial contamination of red cells and platelets. Describe the strategies for minimising this risk of bacterial contamination.

Short essays:

(8x10=80)

2. Role of proteomics in transfusion medicine
3. Dendritic cell therapy
4. Solid phase technology in immunohematology
5. Transfusion support in orthotopic liver transplantation
6. Technologies to prevent identification errors in transfusion services
7. Lean Six Sigma approach in blood banking
8. Molecular epidemiology of HIV in India
9. Platelet cross match
