

QP Code:103108

Reg.No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD)
October 2018**

**Paper III - Blood Donor Organization, Technology of Components, Clinical
Hemotherapy**

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe reasons for poor donor retention in India. What measures can be taken to overcome these problems.

Short essays:

(8x10=80)

2. Discuss transfusion support in a premature neonate
3. Massive transfusion
4. Discuss strategies to reduce unnecessary usage of plasma at your hospital.
5. Discuss the principles of blood inventory management
6. Quality indicators of blood transfusion services
7. Describe mechanism of bleeding following cardio pulmonary bypass and discuss transfusion support in such a case
8. Discuss indications for gamma irradiated blood components
9. Adverse effects of plateletpheresis donation
