

QP Code: 103108

Reg. No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD) -
November 2016**

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

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Describe in detail hemotherapy decisions and outcome regarding transfusion of blood and its products

Short essays:

(8x10=80)

2. Temporary and permanent donor deferral criteria
3. Autologous blood donation
4. Quality control of blood components
5. Biochemical changes of stored blood
6. Issues regarding red blood cells and multi component donation by apheresis
7. Cell associated transfusion transmitted viruses
8. Transfusion guidelines for cryoprecipitate in neonates and older children
9. Harvesting and preservation of peripheral stem cell
