

QP Code:103108

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Transfusion
Medicine (MD) May 2021**

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

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. List the various blood components and plasma derivatives. How you will prepare the various blood components in your blood bank.

Short essays:

(8x10=80)

2. Bio-safety in blood transfusion services.
3. Delayed transfusion reactions.
4. Serological profile of hepatitis B virus.
5. Heparin induced thrombocytopenia.
6. Discuss the pathophysiology of vasovagal donor reaction and its preventive measures.
7. Auto Immune Haemolytic Anaemia (A.I.H.A.)
8. Define directed donations and autologous donations.
9. Leuco-reduction and its importance in clinical practices
