

QP Code:103108

Reg. No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD)
November 2022**

**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. Discuss various sources, detection methods and Strategies to reduce bacterial contamination of blood component.

Short essays:

(8x10=80)

2. Discuss National Hemovigilance Program of India and its current status.
3. Outline DGHS standards (Directorate General of Health Services) for quality control of blood component.
4. Platelet additive solution.
5. Indications for therapeutic plasma exchange.
6. Implementation of accreditation program in blood centers.
7. Rules and regulation of Bio-hazard waste management to be followed in blood center.
8. Requirements to set up an apheresis facility in a blood center.
9. Factor VIII inhibitors
