

**QP Code:104108**

**Reg. No.:.....**

**PG Degree Examinations in Transfusion Medicine (MD) April 2019**

**Paper IV - Recent Advances & Technology**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss the methods for testing transfusion transmitted infections with the prime aim to decrease window period.

**Short essays:**

**(8x10=80)**

2. Newer developments to increase the life and efficacy of platelets.
3. Use of Ishikawa diagram in the blood bank.
4. Cord blood banking.
5. ASFA categorization of therapeutic plasma exchange
6. Platelet rich plasma and its applications.
7. Importance of accreditation as a mode of continuous quality improvement
8. Importance of HTC
9. New regulations in biological waste management

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