

**QP Code:104108**

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

**PG Degree Regular/Supplementary Examinations in Transfusion Medicine  
(MD) June 2020**

**Paper IV - Recent Advances & Technology**

**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 the role of stem cell therapy in haematological diseases.

**Short essays:**

**(8x10=80)**

2. IVarious platforms in HLA cross matching
3. Zika virus and blood transfusion.
4. Platelet substitutes.
5. Therapeutic plasma exchange in neurological cases.
6. Intrauterine transfusion
7. Quality indicators in blood bank.
8. New methods of blood grouping and compatibility
9. New regulations in biological waste management

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