

203-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

TRANSFUSION MEDICINE

Paper-IV – Recent advances and technology

Time : 3 Hours

Max. Marks: 100

Note : Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Role of NAT in blood safety and its merits and demerits.
- 2) Bacterial/viral inactivation of Single donor blood components.
- 3) Hematopoietic growth factors in Transfusion medicine.
- 4) What are various methods for performing HLA crossmatch?
- 5) Types of Blood irradiators and indications.
- 6) Emerging viral/bacterial infections in Transfusion medicine.
- 7) Plasma fractionation.
- 8) What is Titered and Virtual cross match?
- 9) Transfusion therapy in Thalassemia major.
- 10) Role of Hemovigilance in Transfusion medicine and its types.

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