

202-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

TRANSFUSION MEDICINE

Paper-III – Blood donor organization, Technology of components and clinical hemotherapy

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) What is directed donation and its merits and demerits?
- 2) How will you manage blood spillage in laboratory?
- 3) Describe red cell and platelets additive and their merits and demerits.
- 4) Biomedical waste management in Transfusion services.
- 5) What are the methods to reduce bacterial contamination of Platelets?
- 6) Role of BEQAS in Transfusion services.
- 7) What is requirement to Open blood centre for a Tertiary care hospital?
- 8) Transfusion support in a patient with Liver transplant surgery.
- 9) Stem cell harvesting and preservation.
- 10) Cryoprotective agents and their mechanism of action.

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