

202-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA  
M.D. DEGREE EXAMINATION – APRIL, 2018

**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) Organization of thalassemia management programme
- 2) Quality control of blood components.
- 3) Various red cells preparation and their uses
- 4) Biomedical waste management in transfusion services
- 5) Transfusion audit
- 6) Pre requisites for conducting the blood donation camps
- 7) Factor affecting the shelf life of platelet and quality control of platelets
- 8) Red cells additive solution
- 9) Guidelines for platelet transfusion therapy
- 10) Discuss various strategies for donor motivation and retention.

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