

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations  
November 2019  
(Pathology)**

**Paper V - Blood Banking & Immunopathology**

Time: 3 hrs.

Max. marks: 100

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

**Essays:**

**(10x10=100)**

1. Bombay blood group and its significance in blood transfusion.
2. Quality control in Transfusion Medicine
3. Discuss the significance of major histocompatibility complex (MHC) in organ transplantation
4. How do vaccines give protection in diseases. Discuss.
5. Enumerate the combined immunodeficiency states and discuss any one
6. Describe the various tests used in the diagnosis of a rheumatoid arthritis
7. Enumerate the diseases where type III hyper sensitivity reaction is the cause.
8. Describe the various donor screening methods used in the blood bank.
9. Discuss the pathology and diagnosis of haemolytic disease of the new born (HDN).  
Indicate the methods of preventing HDN
10. Discuss the blood component preparation techniques and discuss the advantages and disadvantages of each technique

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