

QP Code: 201384

Reg . No.....

**Second Year M.Sc. MLT Degree Examinations November 2017
(Pathology)**

PAPER V - BLOOD BANKING & IMMUNO PATHOLOGY

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10 = 100)

1. Duffy blood group system and its significance
2. Blood components used in disseminated intravascular coagulation (DIC)
3. Method of investigating a transfusion reaction
4. Recombinant DNA technology and its uses
5. Enumerate the various B cell Immunodeficiency states and discuss any one.
6. Describe the various tests used in the diagnosis of an autoimmune disease
7. Type IV hyper sensitivity reaction
8. Describe the various methods of preservation and storage of blood
9. Discuss the pathology of haemolytic disease of the new born (HDN)
10. Enumerate the blood grouping techniques and discuss the advantages and disadvantages of each technique
