

QP Code: 101384

Reg. No.....

**First Year M.Sc. MLT Degree Examinations – September 2016
(Pathology)**

PAPER – I HAEMATOLOGY

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10 = 100)

1. Describe the methods of blood collection.
2. What are the methods of blood film preparation.
3. Classify anemias. Discuss the lab diagnosis of megaloblastic anemia.
4. Describe the histochemical stains used in leukemia.
5. Advantages of automation in hematology.
6. Use of flow cytometry in leucoproliferative disorders.
7. What are the indications for bone marrow transplant and mention its types.
8. Describe the components of normal haemostasis.
9. What are the first line investigations in a bleeding disorder. Describe one in detail.
10. Describe the osmotic fragility test.
