

QP Code: 101384

Reg. No.....

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

PAPER – I HAEMATOLOGY

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10 = 100)

1. Classify anaemia based on RBC size and shape
2. Describe the lab diagnosis of haemolytic anaemias
3. Discuss the WHO classification of leukaemia
4. What are the tests to be done in the lab in bone marrow transplantation.
5. Discuss the methods of preparation of various anticoagulants in the lab
6. Describe the inherited disorders of coagulation
7. What is INR. What is its role in anticoagulant and platelet therapy.
8. What are the different types of microscopes and their uses
9. Compare the myeloperoxidase and PAS staining for leukaemia diagnosis
10. Describe the growth factors involved in haematopoiesis
