

QP Code: 101384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations May 2018
(Pathology)**

PAPER – I HAEMATOLOGY

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10=100)

1. Describe normal leucopoiesis. What are stem cells
2. How do you routinely stain blood and bone marrow films
3. Define anaemia. Discuss the lab diagnosis of hemoglobinopathies.
4. Classify leukemias. How flow cytometry is useful in the diagnosis of leukaemia
5. Compare the 3 and 5 part haematology analysers
6. How do you prepare a buffy coat smear and mention its uses
7. Discuss the lab control of anticoagulant therapy
8. What is amniocentesis and mention its uses
9. What are the methods of estimation of ESR and what is its importance
10. Describe the lab diagnosis of malaria
