

QP Code : 101384

Reg . No.....

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

PAPER – I HAEMATOLOGY

Time : 3 hrs.

Max. marks : 100

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

Essays:

(10x10 = 100)

1. Explain haematopoiesis with a diagram. Add a note on haematopoietic stem cells.
2. Define and classify anaemia. Discuss laboratory diagnosis of iron deficiency anaemia
3. Discuss the methods of malaria diagnosis
4. Define and classify leukemias. Add a note on leukemoid reaction
5. Explain the laboratory diagnosis of haemorrhagic diseases
6. Discuss the automated haematology analysers. Add a note on its advantages and sources of error
7. Describe the anticoagulants used in routine haematology
8. Discuss the principle of flow cytometry and its application in haematology
9. Discuss the bone marrow transplantation
10. Describe the Romanowsky-type stains and elaborate on one commonly used stain in haematology
