

**QP Code: 101384**

**Reg . No.....**

**First Year M.Sc. MLT Degree Examinations -February 2013  
(Pathology)**

PAPER-I HAEMATOLOGY

**Time: 3 hrs.**

**Max. marks : 100**

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

**Essays:**

**(10x10 = 100)**

1. Define leukemia. Discuss the laboratory investigations in a case of acute myeloid leukemia.
2. Investigations for haemorrhagic disorders.
3. Automation in haematology.
4. Classify haemolytic anemias. Add a note on osmotic fragility test.
5. Anticoagulants.
6. Laboratory investigations required prior to bone marrow transplantation.
7. Describe the specific abnormalities detected on peripheral blood smear examination in anaemia.
8. What are the types of leukemoid reactions. Add a note on LAP score.
9. Enumerate hemo parasites with a note on its laboratory diagnosis.
10. Explain the aetiology and laboratory diagnosis iron deficiency anaemia.

\*\*\*\*\*