

**QP Code: 101384**

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

**First Year M.Sc. MLT Degree Regular/Supplementary Examinations  
December 2019  
(Pathology)**

**Paper I - Hematology**

**Time: 3 hrs.**

**Max. marks: 100**

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

**Essays:**

**(10x10=100)**

1. Explain laboratory control of oral anticoagulant therapy.
2. Describe laboratory diagnosis of thalassemia.
3. Discuss myelodysplastic syndromes.
4. Describe the laboratory investigations of thrombotic tendency.
5. Describe the importance of peripheral smear examination in the diagnosis of anemias.
6. Discuss calibration of haematology analysers.
7. Explain immuno-phenotyping of leukemic cells.
8. Discuss laboratory diagnosis of pancytopenia.
9. Explain laboratory diagnosis of multiple myeloma.
10. Describe quality control in haematology

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