

**QP Code: 101384**

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

**First Year M.Sc. MLT Degree Supplementary Examinations April 2019  
(Pathology)**

**Paper I - Hematology**

**Time: 3 hrs.**

**Max. marks: 100**

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

**Essays:**

**(10x10=100)**

1. Classify anaemia based on aetiopathogenesis.
2. What are reticulocytes. Describe reticulocyte count and its uses
3. Describe the lab tests done in a patient with thrombotic tendency
4. Discuss the role of immunophenotyping in leukaemia
5. What are the stages and sites of haematopoiesis.
6. Compare the manual and automated tests for coagulation tests
7. Describe the parameters studied in the 5 and 3 part automated haematoanalysers.
8. Describe preparation of bone marrow and its staining.
9. Discuss the uses of amniocentesis and its methodology
10. Describe the methods of collection of blood

\*\*\*\*\*