

[LL 1017]

OCTOBER 2017

Sub. Code: 1253

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS  
FIRST YEAR  
PAPER III – HAEMATOLOGY AND CLINICAL PATHOLOGY**

*Q.P. Code: 281253*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Classify anemias. Discuss in detail about the lab diagnosis of haemolytic anemias.
2. Discuss the principle of automated blood analyser. Give an account of its application.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Urine analyser.
2. Flow cytometry.
3. Coomb's test.
4. Prothrombin time.
5. Quality control in hematology.
6. What is hematocrit? How will you report it?
7. Hb electrophoresis.
8. LE cell preparation.
9. Cryoprecipitate.
10. Anti-coagulants.

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