

[LF 1014]

OCTOBER 2014

Sub. Code: 1253

**M.Sc., MEDICAL LABORATORY TECHNOLOGY
(2013-2014 Batch onwards)
FIRST YEAR
PAPER III – HEMATOLOGY AND CLINICAL PATHOLOGY**

Q.P. Code : 281253

Time : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20 = 40)

1. Classify anemia and discuss the laboratory findings in case of P. Thalassemia.
2. Role of RNA in gene expression.

II. Write notes on :

(10 x 6 = 60)

1. Anticoagulants.
2. Principle of coagulation analyzer
3. Prothrombin Time
4. FISH
5. Liver function Tests
6. Principle and applications of PCR.
7. Dyserythropoietic anemia.
8. Cord Blood
9. Incomplete antibodies in Haemolytic disorders.
10. Hereditary qualitative platelet disorders
