

[LQ 1019]

NOVEMBER 2020
(MAY 2020 SESSION)

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. Classification, pathophysiology and diagnosis of Leukemia.
2. Laboratory organization and safety.

II. Write notes on: **(10 x 6 = 60)**

1. Thalassemia.
2. Principle and Clinical application of Incubator.
3. Compound Microscope.
4. RBC Indices.
5. ESR – different methods and factors influencing it.
6. Laboratory finding of Iron deficiency Anemia.
7. RNA Transcription.
8. Radioisotopes.
9. Phlebotomy Technique.
10. Structure and function of RBC.
