

[LN 1018]

OCTOBER 2018

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. Write a short note on White blood cell disorders. Add a detailed note on Leukemias and Its diagnosis.
2. Discuss in detail about the automation in clinical pathology laboratory.

II. Write notes on:

(10 x 6 = 60)

1. Composition of blood.
2. Steps in the selection of blood donors-Donor screening.
3. Bleeding Disorders.
4. Scintillation counter.
5. Radioactivity and Half life units.
6. Westergren method. Significance of measuring ESR.
7. Making and staining Peripheral blood smears.
8. Hemolytic Disease of the Newborn (HDNB).
9. Cross matching.
10. Classification of transfusion reactions.
