

[LL 1017]

OCTOBER 2017

Sub. Code: 1254

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EXAMS
FIRST YEAR
PAPER IV – GENERAL PATHOLOGY**

Q.P. Code: 281254

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the different mechanism involved in stoppage of bleeding.
2. Explain the etiology, presentation and lab diagnosis of Leprosy.

II. Write notes on:

(10 x 6 = 60)

1. Apoptosis.
2. Pathologic calcification.
3. Pathogenesis and classification of Edema.
4. Pathogenesis and effects of Embolism.
5. What are labile cells, stable cells and permanent cells?
6. Mutations.
7. Fluorescence in situ hybridization.
8. Oncogenes.
9. Telomers and cancer.
10. Polymerase chain reaction.
