

[LJ 1016]

OCTOBER 2016

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 mechanism and causes of Apoptosis with diagrammatic representation.
2. Explain Angiogenesis and also activation of fibroblast and deposition of connective tissues.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Differentiate between acute and chronic inflammation.
2. Write a note on growth factors.
3. Write a note on tumour cell growth.
4. Cytokines and their functions.
5. Explain the role of extracellular matrix in tissue repair.
6. Pathogenesis and classification of Edema.
7. Types of necrosis.
8. Gangrene – classification.
9. Pathogenesis of septic shock.
10. Mendelian disorders.

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