

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1254

**M.Sc. MEDICAL LABORATORY TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2011-2012 & 2013-2014 onwards - Paper IV)

(Candidates admitted from 2020-2021 onwards - Paper V)

PAPER IV & V – GENERAL PATHOLOGY

Q.P. Code : 281254

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Reversible injury. Write a detail note on Necrosis and explain the classification and their morphological changes?
2. Define Neoplasia. Explain the Metastatic Cascade of cancer.

II. Write notes on:

(10 x 6 = 60)

1. Cellular adaptations.
2. Mendelian disorders.
3. Systemic effects of inflammation.
4. Angiogenesis.
5. Overview of Tissue repair.
6. Causes of cell injury.
7. FISH- explain.
8. Causes of Apoptosis.
9. Autophagy.
10. Inflammation.
