

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

[AHS 0522]

MAY 2022

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 Tissue repair. Discuss the role of extra cellular matrix in tissue repair.
2. Define Edema. Causes of Edema in detail.

II. Write notes on:

(10 x 6 = 60)

1. Write a short note on Shock.
2. Life cycle of HIV.
3. Mechanism of cell injury.
4. Complement system.
5. PCR and its types.
6. Define carcinogens and their types in detail.
7. Coagulation cascade.
8. Cellular events in inflammation.
9. Oncogenes.
10. Hypertrophy and Metaplasia.
