

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

[AHS 0523]

MAY 2023

Sub. Code: 1262

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

(Candidates admitted from 2020-2021 onwards)

PAPER II – SYSTEMIC BACTERIOLOGY, VIROLOGY AND MYCOLOGY

Q.P. Code: 281262

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the etiology, pathogenesis and lab diagnosis of *Yersinia pestis*.
2. Classify Herpes virus. Discuss in detail about the morphology, pathogenesis and lab diagnosis of Herpes simplex.

II. Write notes on:

(10 x 6 = 60)

1. Quellung reaction.
2. Types of ELISA.
3. Opportunistic mycoses.
4. COVID - 19.
5. Lab diagnosis of Syphilis.
6. DTP Vaccine.
7. Arbo viruses.
8. Sub cutaneous mycoses.
9. Antirabies Prophylaxis.
10. Cultivation of viruses.
