

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

[AHS 0321]

MARCH 2021

Sub. Code: 3502

(OCTOBER 2020 EXAM SESSION)

POST GRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

(From 2014-2015 onwards)

PAPER II – MICROBIOLOGY AND PATHOLOGY

Q.P. Code : 363502

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2x20=40)

1. Morphology, pathogenesis, clinical features, prevention and treatment of *Vibrio cholerae*.
2. Mechanism and applications of Antigen and antibody reactions in detail.

II. Write notes on:

(10x6=60)

1. Bacterial cell wall.
2. Moist heat sterilization.
3. Toxins and virulence factors of *Streptococci*.
4. Handling and care of Glassware.
5. Lab diagnosis of *Mycobacterium tuberculosis*.
6. General properties of viruses.
7. Autoimmune diseases.
8. Diagnosis of rabies.
9. Microtome and microtomy.
10. Examination of stool.
