

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

[PHARMD 1023]

OCTOBER 2023

Sub. Code: 3808

**PHARM. 'D' DEGREE EXAMINATION
SECOND YEAR (2009-2010 Regulation)
PAPER II – PHARMACEUTICAL MICROBIOLOGY**

Q.P. Code: 383808

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss bacterial counting methods and bacterial growth curve.
2. Discuss about Anatomy of Bacteria structure with neat diagram.
3. Microbiological assay of antibiotics.
4. Describe in detail about Malaria and its diagnostic test.

II. Write notes on:

(6 x 5 = 30)

1. Explain in detail about structure and cultivation of Viruses.
2. Discuss in detail about moist heat sterilization.
3. Describe any two tests involved in evaluation of disinfectants.
4. Explain Southern blot technique.
5. Types of Culture media.
6. Discuss in detail about the infectious disease of Tuberculosis.
