

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

[LN 808]

OCTOBER 2018

Sub. Code: 3808

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

Q.P. Code : 383808

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. a) Bacterial Growth Curve.
b) Viable counting of bacteria.
2. Define Sterilization. Describe the sterilization by radiation and chemical agents.
3. Microbiological assay of antibiotics.
4. Malaria.

II. Write notes on:

(6 x 5 = 30)

1. Cultivation of Viruses.
2. Evaluation of Disinfectants.
3. Acquired immunity.
4. Enzyme linked immunosorbent assay.
5. Tuberculosis.
6. Meningitis & HIV.
