

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

[PHARMD 0321]

MARCH 2021

Sub. Code: 3808

(OCTOBER 2020 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION

SECOND YEAR (2009-2010 Regulation)

PAPER II – PHARMACEUTICAL MICROBIOLOGY

Q.P. Code : 383808

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Discuss in detail about different methods of isolation of pure Culture.
2. Explain the principle and applications of Antigen-Antibody reactions.
3. Write essay on Thermal sterilization methods.
4. Discuss on: a) Malaria b) Hepatitis-B

II. Write notes on:

(6 x 5 = 30)

1. Discuss Morphology of yeast.
2. Types of culture media for bacteria.
3. Mantoux test.
4. Chemical disinfectant.
5. General principles and method of microbial assay of Penicillin.
6. Write note on Blotting techniques.
