

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

[PHARMD 0423]

APRIL 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 the morphology, classification and nutritional aspects of fungi.
2. Define disinfection. Classify disinfectant with examples and discuss about the mechanism of disinfectant action.
3. Discuss various types of immunity with example.
4. Explain in detail about clinical manifestations and management of:
a. Tuberculosis b. Typhoid.

II. Write notes on:

(6 x 5 = 30)

1. Nutritional requirements for bacteria.
2. Briefly explain about Gaseous mode of sterilization.
3. Write note on antibiotic assay.
4. Schick test.
5. Types of culture media for bacteria.
6. Peripheral smear study.
