

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

[PBBSCN 0224]

FEBRUARY 2024

Sub. Code: 4888

**POST BASIC BACHELOR OF SCIENCE IN NURSING
DEGREE EXAMINATION**

(Regulations for candidates admitted from 2010-2011 Session onwards)

FIRST YEAR

PAPER VII – MICROBIOLOGY

Q.P. Code: 684888

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Define and classify sterilization. Describe the various methods of Dry heat sterilization.
2. Define Enteric fever and write in details of the morphology, cultural characters, pathogenesis and lab diagnosis of Salmonella typhi.

II. Write notes on:

(5 x 5 = 25)

1. Write briefly on Small pox and discuss the prophylaxis.
2. Explain the features and infection mechanism of the disease Penicilliosis.
3. Write a short note on Bacterial cell Anatomy.
4. Black Water Fever.
5. Write about the contributions of Louis Pasteur to the development of bacteriology.

III. Short answers on:

(10 x 2 = 20)

1. What is Maduromycosis?
2. What is growth curve? How many phases are there?
3. Write the Koch Postulates.
4. How do you collect sample for anaerobic culture?
5. Fever blister.
6. Selective medium for Mycobacterium tuberculosis.
7. Describe the hydatid cyst.
8. Mention the organisms causing food poisoning.
9. ASO titre.
10. Give two examples of Latent viral infection.
