

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

[PBBSCN 0523]

**MAY 2023
(FEBRUARY 2023 EXAM SESSION)**

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 Immunity. Add a detailed note on types of Immunity.
2. Write in detail the morphology, pathogenesis, diagnosis and prophylaxis of Hepatitis B Virus.

II. Write notes on:

(5 x 5 = 25)

1. Flagella.
2. WIDAL Test.
3. Vaccines.
4. Diphtheria toxin mechanism.
5. Round worm.

III. Short answers on:

(10 x 2 = 20)

1. Joseph Lister.
2. Mesophilic bacteria.
3. Acid fast staining.
4. Name any two spore forming bacteria.
5. List of organism causing Urinary tract infection.
6. Pasteurization.
7. Non suppurative complications of Streptococcus Pyogenes.
8. Name the different classes of antibodies.
9. Germ Tube Test.
10. Normal flora.
