

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

**[PBBSCN 0722]**

**JULY 2022  
(FEBRUARY 2022 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. Describe the pathogenesis, lab diagnosis and prophylaxis of syphilis.
2. Define Hypersensitivity. Explain Type II Hypersensitivity.

**II. Write notes on:**

**(5 x 5 = 25)**

1. Contribution of Louis Pasteur.
2. Dark field microscope.
3. Moist heat sterilization.
4. Bio medical sterilization.
5. Opportunistic waste, segregation.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Hapten.
2. Pili.
3. Agglutination.
4. Name two transport media.
5. Name two organisms causing urinary tract infection.
6. Negative staining.
7. Filariasis causing organisms.
8. Adjuvant.
9. Black water fever.
10. Name four live vaccines.

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