

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

**[PBBSCN 1122]**

**NOVEMBER 2022  
(AUGUST 2022 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 immunoglobulin. Explain types of immunoglobulin.
2. Describe the pathogenesis, lab diagnosis and prophylaxis of Vibrio cholera.

**II. Write notes on:**

**(5 x 5 = 25)**

1. Contribution of Alexander Fleming.
2. Bacterial conjugation.
3. Nosocomial infection.
4. Electron microscope.
5. Candida albicans.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Pasteurization.
2. Endospore.
3. Mesophilic bacteria.
4. Name four spore forming bacteria.
5. ELIZA.
6. Name four viruses causing hepatitis.
7. VDRL-test.
8. Four skin disinfectants.
9. Amoebiasis.
10. Prophylaxis.

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