



**UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF SCIENCE IN NURSING**  
**FIRST YEAR SECOND SEMESTER EXAMINATION - JULY 2015**  
**NURMP 1207 MICROBIOLOGY & PARASITOLOGY**

**PAPER II**

*repeats*

**Date: 22.07.2015**

**Time: 2 hours**

**ANSWER ALL SIX QUESTIONS.**

1.

*Part - A*

- 1.1 Define the terms "Sterilization" and "Disinfection". (10 Marks)
- 1.2 Write notes on sterilization by moist heat. (30 Marks)
- 1.3 Describe the standard precautions followed in hospitals to control nosocomial infections (60 Marks)

2.

- 2.1 Name five bacteria that cause urinary tract infection (25 Marks)
- 2.2 Briefly describe how to prevent recurrent urinary tract infection (25 Marks)
- 2.3 Name five microorganisms that cause watery diarrhea. (25 Marks)
- 2.4 Describe briefly how to prevent diarrheal disease in children (25 Marks)

3. Write notes on

- 3.1 Superficial mycosis (40 Marks)
- 3.2 Live attenuated vaccines (30 Marks)
- 3.3 Type 1 hypersensitivity (30 Marks)

4.

- 4.1 Name five bacteria which cause infections in the respiratory tract. (20 Marks)
- 4.2 Briefly describe the mode of transmission, risk factors and clinical features of influenza (30 Marks)
- 4.3 Describe briefly the preventive measures of various respiratory infections. (50 Marks)

5.

Part-B.

- 5.1 Name the filarial parasite causing lymphatic filariasis in Sri Lanka. **(10 Marks)**
- 5.2 Explain the term periodicity of microfilaria and its importance. **(30 Marks)**
- 5.3 State the main clinical features of the lymphatic filariasis **(30 Marks)**
- 5.4 Outline the prevention and control of the above disease **(30 Marks)**

6.

State the causative agent, mode of transmission and the major clinical features of the following parasitic conditions

- 6.1 Ascariasis **(25 Marks)**
- 6.2 Strongyloidiasis **(25 Marks)**
- 6.3 Enterobiasis **(25 Marks)**
- 6.4 Chagas's disease **(25 Marks)**