

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**BACHELOR OF SCIENCE IN NURSING**  
**FIRST YEAR SECOND SEMESTER EXAMINATION - JANUARY 2016**  
**NURMP 1284 MICROBIOLOGY & PARASITOLOGY**

**PAPER II**

**Date: 01.02.2016**

**Time: 2 hours**

**ANSWER ALL SIX QUESTIONS.**



1.
  - 1.1 List five microorganisms which cause urinary tract infection. (15 Marks)
  - 1.2 Describe briefly how you would instruct a female patient to collect urine for culture. (25 Marks)
  - 1.3 Describe briefly the components of a bacterial cell. (30 Marks)
  - 1.4 Briefly describe how antibiotics act on a bacterial cell. (30 Marks)
  
2. Write a brief account of the disease including the causative organism, transmission, clinical features and preventive measures
  - 2.1 Tuberculosis (35 Marks)
  - 2.2 Dengue fever (35 Marks)
  - 2.3 Syphilis (30 Marks)
  
3. Write notes on
  - 3.1 Dermatophytosis (30 Marks)
  - 3.2 Sterilization by autoclave (40 Marks)
  - 3.3 Type IV hypersensitivity (30 Marks)
  
4.
  - 4.1 Name five microorganisms which cause gastroenteritis. (20 Marks)
  - 4.2 Briefly describe the transmission, signs and symptoms of gastroenteritis. (40 Marks)
  - 5.3 Write on prevention of diarrhea in children. (40 Marks)

- 5.
- 5.1 List the soil transmitted helminthes. (10 marks)
  - 5.2 Outline the life cycle of any ONE of the parasites mentioned in 5.1 (40 marks)
  - 5.3 How will you advice the people to prevent and control the soil transmitted helminth infections. (50 marks)
- 6 Write short notes on the following.
- 6.1 First aid of snake bite (25 marks)
  - 6.2 Scabies (25 marks)
  - 6.3 Trichomoniasis (25 marks)
  - 6.4 Foot care program in lymphatic filariasis (25 marks)