



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN NURSING

FIRST YEAR SECOND SEMESTER EXAMINATION - FEBRUARY 2017

NURMP 1284 MICROBIOLOGY & PARASITOLOGY

PAPER II

Date: 27.02.2017

Time: 2 hours

ANSWER ALL SIX QUESTIONS.

ANSWER PARTS A AND B IN SEPARATE ANSWER BOOKS

PART A

1.
 - 1.1 Briefly describe the structure of immunoglobulin (40 Marks)
 - 1.2 List the classes of immunoglobulin (10Marks)
 - 1.3 Mention the distribution and significance of the above classes (25 Marks)
 - 1.4 Write notes on passive immunization (25 Marks)

2. Write notes on
 - 2.1 Superficial mycoses (40 Marks)
 - 2.2 Delayed hypersensitivity (40 Marks)
 - 2.3 Killed vaccines (20 Marks)

3.
 - 3.1 Name three Gram positive and Gram negative bacteria (25 Marks)
 - 3.2 Mention two infections caused by each of the bacteria mentioned in 3.1. (25 Marks)
 - 3.3 Briefly describe the structure of a bacterial cell (50 Marks)

4.
 - 4.1 List five bacteria which cause wound infections (25 Marks)
 - 4.2 How would you collect and transport a pus swab from a patient with infected wound (30 Marks)

4.3 Briefly describe the infection control measures to be taken during the process mentioned in 4.2. (45 Marks)

PART B

5.

5.1 Name **two** intestinal worms parasitise the large intestine of human (20 marks)

5.2 Briefly describe the mode of transmission of the parasites you mentioned in 1.1. (30 marks)

5.3 Which one of the above parasitic infection causes itching around the anus? (10 marks)

5.4 What are the precautions measures you would adopt while handling a ward patient infected with the parasite you mentioned in 5.3. (40 marks)

6. Briefly describe the mode of transmission, prevention and control of the following parasitic diseases.

6.1 Malaria (50 marks)

6.2 Amoebiasis (50 marks)