



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
First Year Second Semester Examination in BScHons (Nursing) - 2021

NURMP 1223 Microbiology and Parasitology – PAPER II

Date: 12.06.2023

Time: 2 hours

ANSWER ALL SIX QUESTIONS

ANSWER PART A AND B IN SEPARATE ANSWER BOOKS

Marks allotted to each part is indicated in bracket

PART A

1.
 - 1.1. Name two (2) gram positive and two-gram negative bacteria that can cause nosocomial infections. (20 Marks)
 - 1.2. Briefly describe the modes of transmission for each of the bacteria you mentioned in 1.1. (30 Marks)
 - 1.3. Describe on the prevention and control measures for nosocomial infections. (50 Marks)
2.
 - 2.1. Name three (3) sterilization methods. (10 Marks)
 - 2.2. Briefly describe the sterilization methods you mentioned in 2.1. (60 Marks)
 - 2.3. Write briefly on chemical disinfectants. (30 Marks)
3.
 - 3.1. Define the term acquired immunity. (10 Marks)
 - 3.2. Differentiate active acquired immunity with that of passive acquired immunity. (40 Marks)
 - 3.3. Write an account on innate immunity. (50 Marks)
4. Write notes on the followings:
 - 4.1. Structure of bacterial cell (30 Marks)
 - 4.2. Superficial fungal infections (40 Marks)
 - 4.3. Viral gastroenteritis (30 Marks)

PART B

- 5.
- 5.1. List five (5) parasitic nematodes which can cause infection in human Intestinal system? (20 Marks)
- 5.2. Name the intestinal helminth, which can cause pruritis ani in human? (10 Marks)
- 5.3. Mention the mode of transmission and the infective stage of the parasite which you have mentioned in 5.2? (20 Marks)
- 5.4. What are the nursing interventions you should take as a nursing officer if you identify any patient in your ward infected with the parasite which you have mentioned in 5.2? (50 Marks)
6. Write short notes on:
- 6.1. First aid of snake bite (25 Marks)
- 6.2. Clinical manifestation of Scabies (25 Marks)
- 6.3. Sample collection for the diagnosis of Trichomoniasis in female (25 Marks)
- 6.4. Prevention and control of Dengue fever (25 Marks)